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Ontario Geological Survey
Open File Report 6188

Kakagi Lake Area Lake Sediment Geochemical Survey, Northwestern Ontario

2006

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ONTARIO GEOLOGICAL SURVEY

Open File Report 6188

Kakagi Lake Area Lake Sediment Geochemical Survey, Northwestern Ontario

by

R.D. Dyer, C. Ravnaas, V.E. Felix and D.F. Russell

2006

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Miscellaneous Release—Data 201

Lake sediment and water geochemical data from the Kakagi Lake area, northwestern Ontario
by R.D. Dyer

Lake sediment and water geochemical data and lake water quality (limnological) data, including quality control data, collected from a survey of 1442 sites in the Kakagi Lake area are being released in conjunction with Open File Report 6188. Data are available as self-extracting zip files in *.xls* file format on CD-ROM.

Abstract

The Ontario Geological Survey carried out a helicopter-supported high-density lake sediment and water geochemical survey of the Kakagi Lake area of northwestern Ontario during the summer of 2003. The survey area is located approximately 100 km southeast of Kenora and covers an area represented on National Topographic System (NTS) 1:50 000 scale map sheets 52 F/3, 52 F/4, 52 F/5 and portions of 52F/6 and 52F/12. Lake sediment and/or water samples were collected from a total of 1442 lake sites and analyzed for a suite of over 50 elements. Preliminary interpretation of these analyses indicates over 14 geochemically anomalous areas, including anomalous results for Au, U, Cu, Pd, Pt, Ni, Mo and Zn. As of February 2006, many of these areas were available for staking. Digital data for this report are available separately as Miscellaneous Release—Data 201 (MRD 201).

Kakagi Lake Area Lake Sediment Geochemical Survey, Northwestern Ontario

R.D. Dyer[1], C. Ravnaas[2], V.E. Felix[1] and D.F. Russell[3]

Ontario Geological Survey
Open File Report 6188

2006

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Introduction

Field work for a high-density lake sediment and water geochemical survey for the Kakagi Lake area was carried out from June 3 to June 30, 2003. The survey area is located approximately 100 km southeast of Kenora (Figure 1) and covers an area of approximately 3700 km^2. The survey area is represented on National Topographic System (NTS) 1:50 000 scale map sheets 52 F/3, 52 F/4, 52 F/5 and portions of 52F/6 and 52F/12. Lake sediment and/or water samples were collected from 1442 sites, providing an average density of 1 sample per 2.6 km^2.

The Kakagi Lake area was chosen for high density geochemical coverage for several reasons including client interest in the area, geology with favourable mineral potential and minimal current geochemical exploration data for the region. The present survey lies immediately to the southwest of the Eagle Lake area lake sediment survey carried out in 2002 (Felix 2005). The National Geochemical Reconnaissance (NGR) lake sediment program carried out by the Geological Survey of Canada in 1988 covered the western portion of the current survey area at an average sample density of 1 sample per 13 km^2 (Hornbrook and Friske 1989).

Regional Setting

BEDROCK GEOLOGY

The geology of the survey area is represented at a scale of 1:253 440 on the Kenora-Rainy River geological compilation series Map 2443 (Blackburn 1981). Much of the greenstone belt within the survey area has been mapped in greater detail, at a scale of 1:31 680 (Davies 1973; Davies and Morin 1976; Edwards 1980, 1983a, 1983b). Berger (1991) and Smith (1993) mapped the eastern portion of the greenstone belt in the Vista Lake–Manitou Stretch area at a scale of 1:20 000. The Lobstick Bay–Berry Lake area was mapped by Johns (1987) at a scale of 1: 15 840.

The present survey lies within the western Wabigoon region, a granite-greenstone subprovince of the Superior Province, and covers most of the Kakagi–Rowan Lakes greenstone belt (Figure 2). The eastern part of the survey area encompasses the southwestern end of the Manitou Lakes greenstone belt.

The Kakagi–Rowan Lakes greenstone belt is divided into 2 regions which are separated by the northwest-trending Pipestone–Cameron deformation zone (PCDZ). Rocks on either side of the deformation zone are generally not correlated with each other (Johns 1987), though Davis and Edwards (1982, 1986) suggest that the intermediate metavolcanic rocks of the Stephen Lake Formation to the southwest of the PCDZ and Berry Creek Formation to the north may be correlative according to REE patterns and age dating.

Northeast of the PCDZ, the stratigraphic sequence consists of lower mafic metavolcanic units (coeval Rowan Lake and Populus Lake volcanics, Brooks Lake volcanics) and a middle mixed felsic to intermediate metavolcanic unit (Dogpaw Lake and Cameron Lake volcanics) (Blackburn et al. 1991; G. Johns, OGS geologist, personal communication 2003). The lower mafic units are pillowed to massive tholeiitic flows, and mixed with calc-alkaline pyroclastic rocks in the upper part of the sequence. The upper contact of the Rowan Lake volcanics is interbedded with the overlying Dogpaw Lake volcanics (calc-alkalic and tholeiitic pillowed, massive and amygdaloidal flows, heterolithic breccia and lapilli-

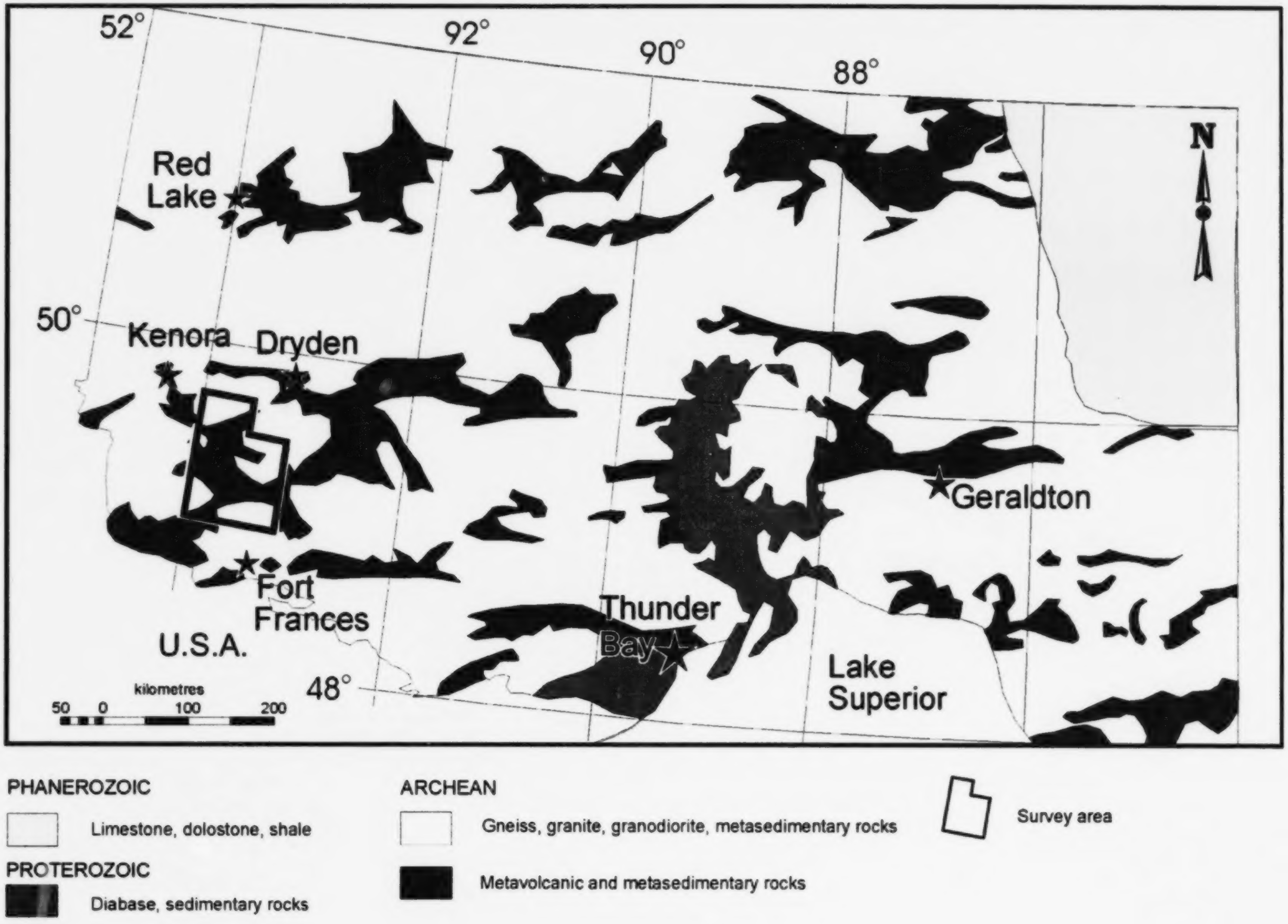

52°
92°
90°
88°
N
Red Lake
50°
Kenora
Dryden
Geraldton
Fort Frances
Thunder Bay
U.S.A.
48°
Lake Superior
kilometres
50
0
100
200
PHANEROZOIC
Limestone, dolostone, shale
PROTEROZOIC
Diabase, sedimentary rocks
ARCHEAN
Gneiss, granite, granodiorite, metasedimentary rocks
Metavolcanic and metasedimentary rocks
Survey area

Figure 1. Location map of the Kakagi Lake survey area.

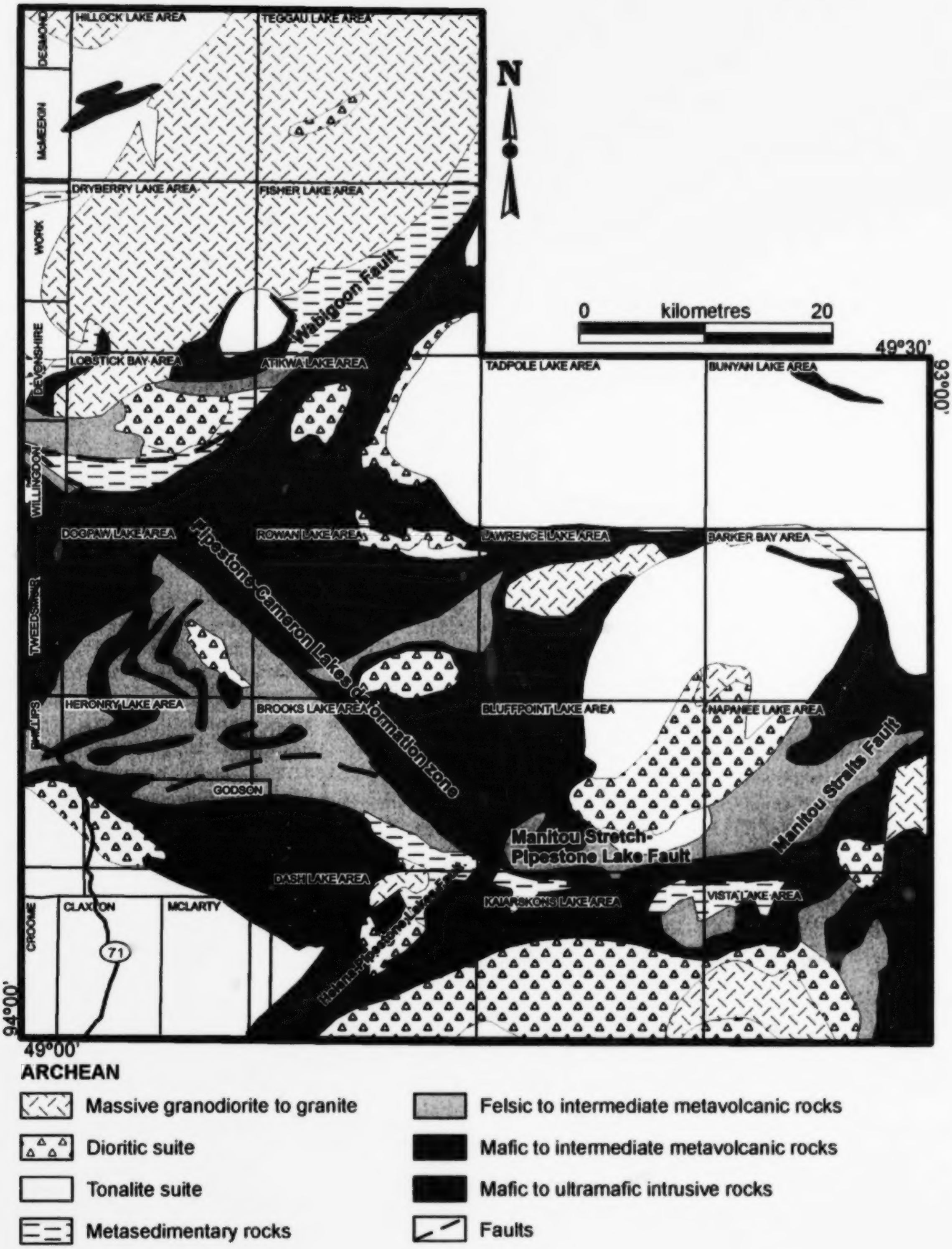

HILLOCK LAKE AREA
TEGGAU LAKE AREA
DESMOND
McMEEKIN
DRYBERRY LAKE AREA
FISHER LAKE AREA
WORK
DEVONSHIRE
Wabigoon Fault
N
0 kilometres 20
49°30'
93°00'
LOBSTICK BAY AREA
ATIKWA LAKE AREA
TADPOLE LAKE AREA
BUNYAN LAKE AREA
WILLINGDON
DOGPAW LAKE AREA
ROWAN LAKE AREA
LAWRENCE LAKE AREA
BARKER BAY AREA
Pipestone-Cameron Lakes deformation zone
TWEEDSMUIR
HERONRY LAKE AREA
BROOKS LAKE AREA
BLUFFPOINT LAKE AREA
NAPANEE LAKE AREA
PHILLIPS
Manitou Straits Fault
GODSON
Manitou Stretch-Pipestone Lake Fault
DASH LAKE AREA
KAIARSKONS LAKE AREA
VISTA LAKE AREA
CROOME
CLAXTON
MCLARTY
71
94°00'
49°00'
ARCHEAN
Massive granodiorite to granite
Dioritic suite
Tonalite suite
Metasedimentary rocks
Felsic to intermediate metavolcanic rocks
Mafic to intermediate metavolcanic rocks
Mafic to ultramafic intrusive rocks
Faults

Figure 2: Generalized bedrock geology of the Kakagi Lake survey area (*from* Ontario Geological Survey 1991).

tuff conglomerate), and conformable with the lower unit of the overlying Cameron Lake volcanics (calc-alkalic and tholeiitic massive to pillowed flows, pyroclastic rocks). The upper unit of the Cameron Lake volcanics consists of andesitic pillowed, amygdaloidal and bedded rocks. The Berry Creek Formation occurs along the north shore of Lobstick Bay, Lake of the Woods, and extends westward out of the survey area. As part of the Warclub Group, it consists of dacitic pyroclastic rocks and is interbedded with Warclub metasedimentary rocks (Johns 1987).

To the southwest of the PCDZ, the stratigraphy follows a similar pattern of lower mafic units (coeval Snake Bay and Katimiagamak groups) overlain by an intermediate metavolcanic sequence (Kakagi Lake Group) (Blackburn et al. 1991; Davis and Edwards 1982, 1986). The Snake Bay group consists of an upper formation of Fe-tholeiite flows and a lower formation of Mg-tholeiites. The Katimiagamak group is composed of pillowed and massive amygdaloidal Fe-tholeiite flows. The Kakagi Lake Group consists of andesitic and dacitic flows, pyroclastics, and associated sediments (Davis and Edwards 1986), and has been subdivided into formations (South Kakagi Lake, East Kakagi Lake, Emm Bay, Cedartree Lake, Stephen Lake (Blackburn et al. 1991) on the basis of clast size and texture (Davis and Edwards 1982).

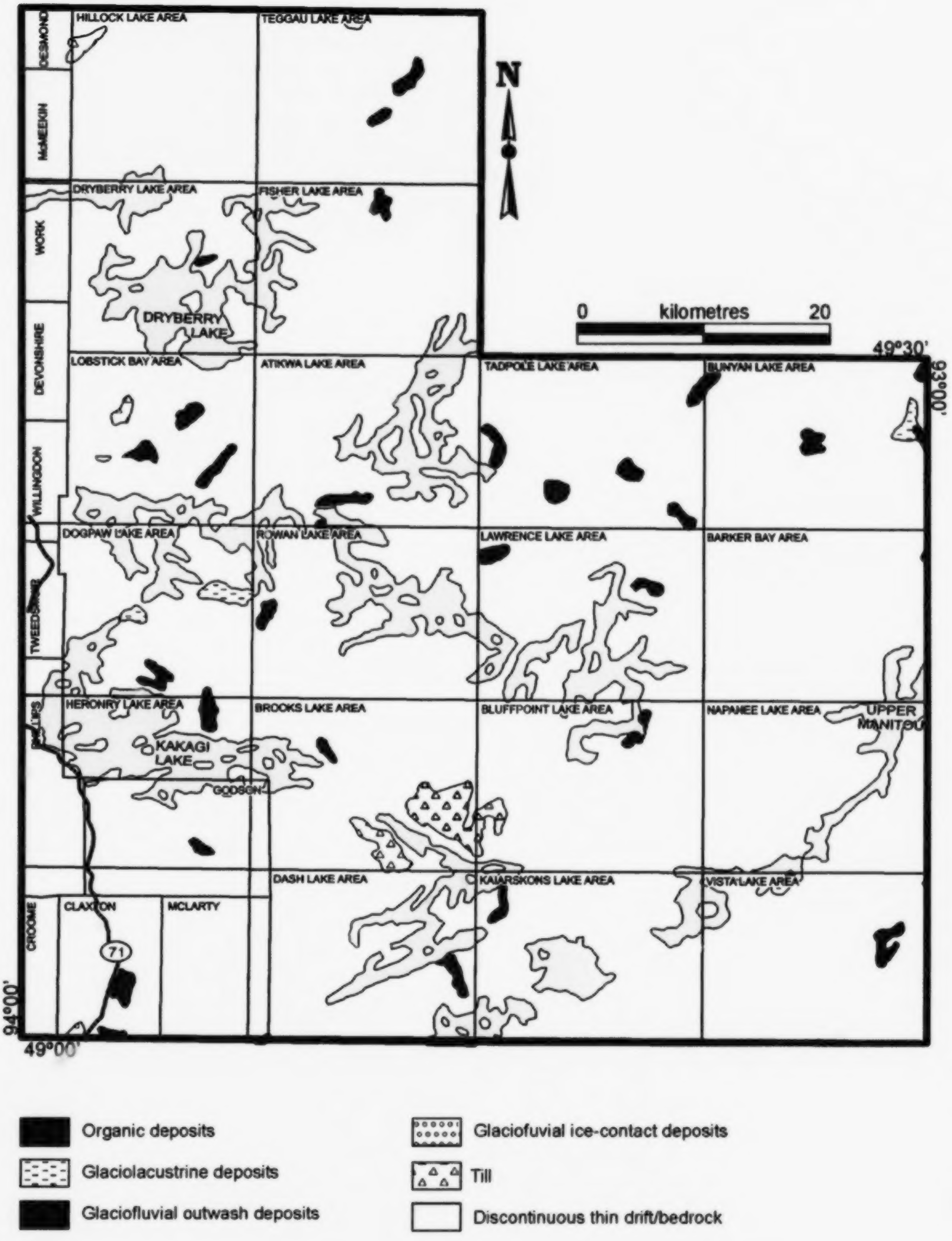
At the eastern side of the survey area, the Manitou Lake greenstone belt consists of the massive to pillowed Mg- and Fe-tholeiites and komatiites of the Wapageisi Group, the conformably overlying calc-alkalic pyroclastics, minor mafic flows and associated sediments of the intermediate Manitou Lake metavolcanic group, and the unconformably overlying arkosic wacke, siltstone and mudstone of the Thompson Bay and Esox Lake sediments (Blackburn et al. 1991). In this area, the PCDZ changes direction to trend northeast along the Manitou lakes towards Dinorwic, Ontario.

Mafic to ultramafic intrusions are present in nearly all stratigraphic units, though they are most predominant in the Katimiagamak and Rowan Lake volcanics (of the lower mafic units), and the Kakagi Lake Group (upper intermediate units). These intrusions are considered to be synvolcanic based on petrology and geochronology (Blackburn et al. 1991).

The supracrustal rocks within the survey area are bound by felsic intrusions: the plutonic rocks of the Dryberry batholith to the north; Atikwa batholith to the northeast; Irene–Eltrut Lakes complex to the southeast; Rainy Lake batholithic complex to the south; and the Sabaskong batholith to the southwest. As well, a number of smaller felsic intrusive bodies occur within the greenstone belts, some of which are favourable targets for mineralization. The Phinney–Dash Lakes Complex is a subvolcanic felsic intrusion which overlies the Katimiagamak volcanics (Davis and Edwards 1982) and may represent a favourable target for Kuroko–type Au-Ag-VMS mineralization (Edwards 1983a). The Stephen Lake Stock is a late-tectonic quartz-diorite stock which intrudes the intermediate Kakagi Lake Group, and shows favourable gold and molybdenum mineralization (Davis and Edwards 1986), as well as similarities to porphyry copper type intrusions in western North America (Davies and Morin 1976).

PHYSIOGRAPHY AND QUATERNARY GEOLOGY

The most detailed surficial mapping for the survey area was completed by the Geological Survey of Canada at a scale of 1:100 000 (Minning 1988). Surficial materials across the survey area are described by Minning (1988) as thin and sporadic, occurring primarily as shallow deposits in bedrock depressions or patches of till covering the lee side of rock knobs (Figure 3). These materials are estimated to cover less than 15% of the survey area, and due to their thin and sporadic nature, they are not expected to have a significant influence on the surficial geochemistry of the region.



HILLOCK LAKE AREA
TEGGAU LAKE AREA
DESMOND
McMEEKIN
DRYBERRY LAKE AREA
FISHER LAKE AREA
WORK
DRYBERRY LAKE
DEVONSHIRE
LOBSTICK BAY AREA
ATIKWA LAKE AREA
TADPOLE LAKE AREA
BUNYAN LAKE AREA
WILLINGDON
DOGPAW LAKE AREA
ROWAN LAKE AREA
LAWRENCE LAKE AREA
BARKER BAY AREA
TWEEDSMUIR
HERONRY LAKE AREA
BROOKS LAKE AREA
BLUFFPOINT LAKE AREA
NAPANEE LAKE AREA
UPPER MANITOU
PHILLIPS
KAKAGI LAKE
GODSON
DASH LAKE AREA
KAIARSKONS LAKE AREA
VISTA LAKE AREA
CROOME
CLAXTON
MCLARTY
71
N
0 kilometres 20
49°30'
93°00'
94°00'
49°00'
Organic deposits
Glaciolacustrine deposits
Glaciofluvial outwash deposits
Glaciofuvial ice-contact deposits
Till
Discontinuous thin drift/bedrock

Figure 3: Generalized Quaternary geology of the Kakagi Lake survey area (*after* Barnett, Henry and Babuin 1991).

Relief in the survey area varies from about 325 to 450 m above sea level (asl). Topography is controlled by structural and lithological bedrock features, with much of the bedrock in the area having been glacially modified and showing rounded, polished, and striated stoss and lee rock forms (Minning 1988). Surficial hydrology is strongly influenced by the physiography of the underlying bedrock. At a regional scale, the distribution of lakes is very closely related to the irregular contacts of the various bedrock lithological units.

Methodology

SAMPLING METHODS

Sediment sampling was performed primarily by a 2-person team from a float-equipped Bell 206B helicopter. However, where access was available and the number of samples warranted, lakes were sampled from an aluminium boat with a 25-horsepower motor. The samples were collected using a gravity corer designed by the OGS. Samples were taken at depths >20 cm below the sediment–water interface (SWI) in order to minimize or avoid anthropogenic influences and SWI effects. The deeper sediments more accurately reflect the natural geochemical inputs, which may be traced back to local bedrock geology. The samples were extruded from the collection tube into breathable fabric bags and then placed in a sealable plastic bag until the end of the sampling run.

Lake water samples were taken simultaneously with the sediment samples. For lakes of depths 3 m or less, water samples were collected at a depth of 0.5 m below the water surface, whereas for lakes deeper than 3 m, samples were collected at 2 m depth. A semi-automated water sampling apparatus, developed by the OGS consisting of a pump, a YSI multi-parameter water quality analyzer (for measurement of parameters such as pH, temperature and conductivity), a sample bottle tray and a variety of hoses and valves, was used for sample collection. Lake water is pumped through the system in order to purge it prior to the collection of a sample and the recording of water quality data. The water samples were kept cool immediately following collection and were processed (filtered/acidified), with the exceptions noted below, within 24 hours of collection. Owing to technical difficulties, water samples 1 to 72 (inclusive) were processed within 96 hours of collection, while samples 73 to 472 (inclusive) were processed within 72 hours of collection.

Sample site locations were recorded using a global positioning system (GPS) receiver mounted in the cockpit of the helicopter. A customized database application operating from a pen-based computer was used to record the sediment sample information and descriptions. Water quality data was captured from the YSI multi-parameter instrument using a dedicated handheld data recorder. All data was downloaded and archived each day to a portable computer at the field base.

SAMPLE PREPARATION AND ANALYTICAL METHODS

Sediment samples were allowed to partially air dry in porous collection bags in the field prior to delivery to the OGS Geoscience Laboratory (GeoLabs). A total of 1304 sediment samples were submitted to the laboratory. The samples were freeze dried, partially pulverized in a ceramic ring mill and sieved to obtain the –80 mesh (<177 μm) size fraction.

Laboratory analysis by GeoLabs consisted of nitric-aqua regia digestion of 0.5 g of sample pulp followed by inductively coupled plasma mass spectrometry (ICP–MS) and inductively coupled plasma optical emission spectrometry (ICP–OES) for the determination of approximately 50 trace and major elements. Nitric-aqua regia digestion attacks all sample matrix constituents except for silicate minerals and is, therefore, considered a non-selective, relatively strong partial extractant. GeoLabs also performed determination of loss-on-ignition (LOI) at 500°C under an oxygen atmosphere using an automated gravimetric technique.

Instrumental neutron activation analysis (INAA) using epithermal irradiation was performed by an external laboratory. Approximately 10 g of each sample pulp was pressed into briquettes prior to INAA for gold and a suite of 26 other elements. There was sufficient material to analyze 1249 samples by INAA.

An external laboratory was contracted to perform fire-assay ICP-MS for Pd and Pt on a portion of the total number of samples. A total of 88 samples were selected based on their Ni and/or Cu results being above the 95th percentile (i.e., >47 ppm Ni and/or >101 ppm Cu. In previous OGS lake sediment surveys, it has been found that samples with anomalous levels of Pd and Pt often occur with an accompanying Cu-Ni signature. For example, the Lac des Iles–Black Sturgeon River area lake sediment survey resulted in the identification of 34 discrete anomalous areas containing Pd and/or Pt and of those, 25 also contained elevated to anomalous levels of Cu and/or Ni (Dyer and Russell 2002).

Water samples were passed through 0.45 µm syringe filters and acidified to 1% with ultrapure nitric acid. Analysis of water included direct aspiration ICP–MS to determine approximately 50 elements. A total of 1344 water samples were submitted to the GeoLabs for analysis.

Quality Control (QC) Results

METHODS

Quality control was monitored using sample pulp duplicates and certified reference materials "standards" inserted into the sample sequence. Every 10th sediment sample submitted was a quality control (QC) sample. Each QC sediment sample consisted of either analytical (pulp) duplicates, certified reference standards (CRS) or an internal (OGS collected) bulk standard. Analytical pulp duplicates were prepared by halving 1 in 40 of the dried sample pulps and inserting them into the sample sequence. CANMET certified reference standards (LKSD-1 and LKSD-4, Lynch 1990) and 2 OGS internal standards were also inserted as dried pulps between the sample preparation and analysis stages. Every 20th sample was either a CRS or an OGS internal standard.

Analytical precision for each element was determined by plotting duplicate data on an X–Y chart and determining the variation of 95% of the data from a 1:1 ratio. Accuracy was determined by plotting the sequential values returned for certified reference standards inserted in the batch against a vertical scale of concentration and comparing this with the "provisional values" (Lynch 1990) for the standards. The mean and standard deviation of values returned for each standard were also compared with the provisional values.

Table 1 contains a summary of the lake sediment analytical data used to generate this report, including some basic statistics and estimates of precision for each element and coefficients of variation for the certified reference materials. The data used to prepare this table is available in the associated digital data set (published separately, Miscellaneous Release—Data 201 (MRD 201)). Results of the lake water chemistry are not discussed in this report, however, the complete lake water data set is also included in MRD 201.

Table 1: Kakagi Lake area lake sediment data set, summary of elements analyzed by ICP, FA-ICP and INAA and quality control data, including estimates of precision.

				Lake Sediment				LKSD-1 Reference Standard			LKSD-4 Reference Standard		
Element	Analytical Method	Units	MDL	Median	RANGE		Estimated Precision	Certified Value	Mean Q.C. Result	Coefficient of variation (%)	Certified Value	Mean Q.C. Result	Coefficient of variation (%)
					Min	Max							
Ag	ICP-MS	ppm	0.04	0.13	<0.04	0.70	± 0.025	0.6	0.63	6.5	0.2	0.26	22.3
Al	ICP-OES	ppm	20	11040	1926	31500	± 6000	41300	3968	11.7	31200	11464	10.3
As	INAA	ppm	0.5	3.6	0.9	235	± 0.8	40	38.0	1.3	16	16.6	3.4
Au	INAA	ppb	2	<2	<2	16	±5	5	4	51.3	2	1	68.4
Ba	ICP-MS	ppm	0.5	93.9	17.5	864	± 13	430	95.67725	6.2	330	141.8	6.1
Be	ICP-OES	ppm	0.03	0.36	0.07	1.62	± 0.1	1.1	0.1	11.2	1	0.4	6.8
Br	INAA	ppm	0.5	49.0	4.5	491	± 1	11	10.4	4.8	49	49.3	1.6
Ca	ICP-OES	ppm	500	9122	2518	191150	± 1000	77200	70709	3.7	12900	9679	4.7
Cd	ICP-MS	ppm	0.04	0.46	0.16	2.71	± 0.04	1.2	1.33	5.4	1.9	2.1	6.0
Ce	INAA	ppm	3	51	7	512	± 6	27	27.56	2.1	48	47.2	1.9
Co	INAA	ppm	1	11	2	140	± 1	11	11	3.7	11	11	3.2
Cr	ICP-MS	ppm	1	26.2	5.3	132	± 6.5	31	14.05	9.1	33	24.70	55.3
Cs	ICP-MS	ppm	0.01	1.2	0.3	6.48	± 0.4	1.5	0.5	7.3	1.7	1.1	6.3
Cu	ICP-MS	ppm	0.4	90.5	12.5	229.4	± 4	44	43.1	5.9	30	32	11.1
Dy	ICP-MS	ppm	0.02	2.0	0.3	20.9	± 0.2	-	1.77	8.0	-	3.00	6.1
Er	ICP-MS	ppm	0.02	1.02	0.15	9.42	± 0.1	-	0.50	8.1	-	1.73	5.4
Eu	ICP-MS	ppm	0.01	0.78	0.09	4.63	± 0.1	-	0.50	8.0	-	0.93	6.4
Fe	ICP-OES	ppm	20	14686	2598	135000	± 5000	18000	16753	4.8	27000	25319	6.2
Ga	ICP-MS	ppm	0.09	2.98	0.57	10.00	± 1.3	-	2.18	7.9	-	4.31	7.7
Gd	ICP-MS	ppm	0.03	3.30	0.41	35.50	0.4	-	2.45	6.5	4.01	4.12	6.0
Hf	ICP-MS	ppm	0.02	0.05	<0.02	0.49	± 0.05	3.6	0.04	19.3	0.04	0.03	20.9
Hg	ICP-MS	ppm	0.08	0.10	<0.08	0.27	± 0.02	110	0.13	9.1	190	0.19	6.7
Ho	ICP-MS	ppm	0.008	0.38	0.05	3.68	± 0.05	-	0.36	8.4	0.6	0.60	5.6
K	ICP-OES	ppm	20	500	170	3710	± 350	9100	417	8.7	6600	913	9.8
La	INAA	ppm	1	28	4	236	± 2	16	15	0.0	26	25	2.0
Li	ICP-MS	ppm	0.3	7.8	1.2	0.02	± 4.2	7	4.6	9.7	12	9.8	7.4
LOI	Grav.	%	0.01	49.3	10.3	88.0	± 0.5	23.5	22.42	0.7	40.8	40.13	0.7
Lu	ICP-MS	ppm	0.005	0.13	0.02	1.01	± 0.01	0.4	0.14	8.8	0.5	0.25	6.4
Mg	ICP-OES	ppm	6	2399	671	19547	± 1000	10300	6759	4.0	5400	4069	5.1
Mn	ICP-OES	ppm	0.7	278	36	12000	± 100	460	391	4.8	430	376	7.0
Mo	ICP-MS	ppm	0.06	1.80	0.30	90.9	±0.3	12	10.03	4.8	2	2.21	69.5
Na	ICP-OES	ppm	10	95	15	1055	± 100	14800	294	16.1	5200	212	14.3
Nb	ICP-MS	ppm	0.04	0.68	0.13	3.73	±0.4	7	0.76	26.9	9	1.19	10.7
Nd	ICP-MS	ppm	0.09	22.10	2.30	232.50	± 5	16	12.44	6.5	25	23.05	6.1
Ni	ICP-OES	ppm	1	26	7	150.0	± 5	11	16	6.0	32	36	4.4
P	ICP-OES	ppm	10	1104	326	4800	± 240	900	814	7.9	1300	1480	8.6
Pb	ICP-MS	ppm	0.3	5.8	1.7	77.5	± 0.6	84	82.5	6.3	93	94.0	6.1
Pd	FA-ICP-MS	ppb	0.1	1.7	0.2	4.5	± 1	n/a	0.2	94.4	n/a	n/a	n/a
Pr	ICP-MS	ppm	0.03	5.90	0.60	44.80	± 0.8	-	2.98	6.5	-	5.82	6.1
Pt	FA-ICP-MS	ppb	0.1	0.6	<0.1	2.4	± 1	n/a	0.1	108.7	n/a	n/a	n/a
Rb	ICP-MS	ppm	0.06	8.9	2.0	44.8	± 5	24	3.65	7.3	28	10.40	6.9
S	ICP-OES	ppm	20	5249	374	36236	± 400	15700	15804	3.5	9900	9983	3.5
Sb	ICP-MS	ppm	0.03	0.15	0.04	1.10	± 0.02	1.2	0.65	7.4	1.5	1.27	6.8
Sc	ICP-OES	ppm	0.1	2.6	0.5	10.0	± 1.6	9	2.28	8.9	7	3.49	8.0
Sm	ICP-MS	ppm	0.04	3.8	0.4	40.10	± 0.4	-	2.59	6.8	-	4.33	5.9
Sn	ICP-MS	ppm	0.7	0.4	<0.7	2.0	n/a	16	3.3	5.8	5	3.3	6.0
Sr	ICP-OES	ppm	0.2	25.1	8.40	82.6	± 6	250	65.4	4.5	110	40.7	4.0
Ta	INAA	ppm	0.5	<0.5	<0.5	1.80	n/a	0.3	0.4	64.0	0.4	0.5	40.8
Tb	ICP-MS	ppm	0.006	0.43	0.06	4.56	± 0.05	0.6	0.34	6.7	1.2	0.58	6.9
Th	ICP-MS	ppm	0.02	1.24	<0.02	11.85	± 1	2.2	1.40	12.0	5.1	1.87	11.7
Ti	ICP-OES	ppm	0.8	183	37	1130	± 280	3010	369	15.3	2270	491	14.8
Tl	ICP-MS	ppm	0.006	0.17	0.01	0.81	±0.03	-	0.23	5.9	-	0.44	6.3
Tm	ICP-MS	ppm	0.006	0.14	0.02	1.19	± 0.015	-	0.14	9.0	-	0.25	6.0
U	ICP-MS	ppm	0.03	1.6	0.3	85.0	± 0.3	9.7	8.98	5.3	31	27.94	31.9
V	ICP-OES	ppm	0.4	30.0	5.2	173.00	± 9	27	23	7.1	32	34	5.7
W	ICP-MS	ppm	0.2	<0.2	<0.2	1.9	n/a	<4	0.68	17.3	<4	0.27	20.6
Y	ICP-MS	ppm	0.05	10.2	1.4	94.3	± 1.3	19	10.72	7.6	23	17.33	5.7
Yb	ICP-MS	ppm	0.02	0.88	0.13	6.86	± 0.07	2	0.91	9.6	2	1.62	6.5
Zn	ICP-OES	ppm	1	77	13	197	± 8	337	332	4.2	189	192	3.6
Zr	ICP-MS	ppm	0.4	1.6	<0.4	18.8	± 3	134	1.4	24.8	105	0.8	18.0

Notes:

1. ICP-MS= Inductively Coupled Plasma Mass Spectroscopy (aqua-regia digestion)
2. ICP-OES= Inductively Coupled Plasma Optical Emission Spectroscopy (aqua-regia digestion)
3. INAA= Instrumental neutron activation analysis.
4. MDL=method detection limit
5. Estimated precision at 95% confidence level; ICP-MS, OES and INAA elements based on 75 duplicate pairs.
6. For lake sediments analysis by ICP-MS and ICP-OES n=1306, FA-ICP-MS n=68, INAA n=1259
7. Only lake sediments with elevated (>95th percentile) Ni and/or Cu were analysed for Au, Pd and Pt by FA-ICP-MS (n=68)
8. Q.C. Result = Average value obtained, Kakagi Lake area survey
9. Coefficient of variation at one standard deviation (68% confidence level)
10. LKSD-1 and LKSD-4 are Canmet certified reference materials.
    For ICP elements, quoted reference values for Ag, As, Cd, Co, Cr, Cu, Fe, Hg, Mn, Mo, Ni, Pb, Sb, V, Zn determined by partial digestion, all other ICP elements determined with total digestion
    For INAA elements, quoted reference values for LKSD-1 and LKSD-4 are from total digestion methods
11. For analysis of LKSD-1 and LKSD-4 by ICP-MS, OES and INAA, n=28 (LKSD-1) and n=25 (LKSD-4)
    For analysis by FA-ICP-MS, n=8 (LKSD-1)

Inductively Coupled Plasma Mass Spectrometry and Inductively Coupled Plasma Optical Emission Spectrometry

Overall, the quality of the ICP –MS and ICP–OES data sets is excellent. The only exceptions of note are for the elements Ti, Nb and W for which significant noise in the QC standards is apparent. For Nb and W, this can be attributed mostly to the natural low levels (close to detection limits) for these elements in lake sediment and the incomplete and variable digestion of the silicate phase within which these elements are most likely bound. This incomplete digestion is demonstrated by the low mean levels returned for many of the lithophile major and minor elements shown in the LKSD-1 and LKSD-4 results (*see* Table 1). For example, the certified level of titanium (Ti) in LKSD-1 is 3010 ppm obtained by total digestion (Lynch 1990). This is far higher than the mean result for Ti in LKSD-1 obtained by this study of 369 ppm via the "near total" aqua regia digestion. Therefore, caution should be exercised with the interpretation of Ti (OES), W (MS) and Nb (MS) results.

Instrumental Neutron Activation Analysis

Overall, the quality of the instrumental neutron activation analysis (INAA) is very good. Noise in both the certified reference standards and internal OGS standards for Au was observed; however, these results are typical and are likely a reflection the inherent inhomogeneity of Au (classic nugget effect) rather than instrument or other laboratory error. The estimated precision of ±5 ppb is typical for the INAA method in previous OGS experience.

Fire Assay–Inductively Coupled Plasma Mass Spectrometry

Only 88 of 1304 lake sediment samples were submitted for analysis by FA–ICP–MS for Au, Pd and Pt. This represents approximately 7% of the entire population of lake sediment samples collected in the survey area. Only samples with anomalous (>95th percentile) Ni and/or Cu were analyzed (i.e., >48 ppm Ni and/or >102 ppm Cu) by this method. This should be kept in mind when interpreting the FA–ICP–MS data set, as the statistical data (i.e., minimum, maximum and median values) of this discrete data subset may not be representative of the entire lake sediment population of the study area.

Review of the performance of both the OGS and certified reference material indicates acceptable accuracy and precision for Pd and Pt. However the performance of Au was very erratic in both the blind duplicate pairs and CRMs; therefore the Au data by FA-ICP-MS has been excluded from this report and from the associated digital data set, MRD 201. The estimated precision for Pd and Pt is ±1 ppb, which is typical for this method.

General Considerations for Lake Sediment Geochemical Data Interpretation

Factors to consider when assessing the possible significance and validity of lake sediment geochemical anomalies are as follows:

1. Correlation with geology

   In mineral exploration, correlation with geology is the most important factor when assessing the significance of a surficial geochemical anomaly; however, its relative importance declines as the known level of detail of the geology declines. Many of the geochemical anomalies discussed will help focus and prioritize future geological investigations.

2. Multi-site anomalies

   Multi-site anomalies provide separate verification of the "anomalousness" of a given area and provide some insurance against nonsystematic errors in sample quality, collection, preparation or analysis. However, since samples are collected, prepared and analyzed in sequence, a uniform and numerically sequential anomaly may be the result of a systematic analytical or sample preparation error. This may produce an apparent geographic grouping of fairly uniform concentrations in one, or possibly several, elements. Every effort has been made to detect this kind of problem but the user is reminded to consider all available data when assessing the importance of an anomaly.

3. Multi-element anomalies

   Multi-element anomalies with geologically reasonable elemental assemblages are useful in assessing the importance of many anomalies. For example, Pt and Cr, which are relatively immobile in the surficial environment compared to the metals such as Cu, Ni, Pb and Zn, would not normally be expected to be found in anomalous levels in lake sediment without an accompanying Ni and/or Cu signature. Gold on the other hand, can occur in quartz vein deposits with little or no associated base metals; therefore, a gold anomaly by itself can be significant. A gold anomaly with an associated base metal signature (pathfinder elements) may be even more significant. However, certain multi-element anomalies (e.g., Mo + Zn) can sometimes result from limnological factors (e.g., redox conditions related to deep lakes, relative level of organic material in the sediment).

4. Magnitude of the anomaly

   The magnitude of an anomaly is not necessarily one of the most important assessment criteria. The magnitude of a surficial geochemical response depends not only on the size of a mineral occurrence, the surface area that is available to weathering, its distance from the lake, the presence and effectiveness of sinks between the source and lake, the limno-geochemical conditions in the lake and the nature of the surficial deposits (i.e., level of carbonate which effects metal mobility). The weatherability depends on factors such as exposure and/or depth of burial and specific mineralogy of the source. These factors combine to make magnitude an unreliable estimate of the importance of an anomaly except in extreme cases or in cases where multiple samples and/or media corroborate its importance.

5. Correlation with surficial geology

   Unconsolidated deposits can, under certain circumstances, cause a greater impact on the chemistry of lake media than can bedrock. Carbonate-rich eskers and thick ice-contact stratified drift deposits often result in nearby lakes having relatively hard, alkaline waters. This type of lake water provides a geochemical matrix for trace elements which is very different to that of most shield lakes which are mildly acidic and organic-dominated. In general, most metals are relatively immobile in such alkaline conditions, therefore, geochemical anomalies might be considered more significant and possibly relatively close to source.

   Dilution or addition to the trace metal signature in sediments can occur due to the presence of fine-grained unconsolidated material such as clay. Often a spatial relationship can be seen between lake sediment anomalies and glaciofluvial deposits such as eskers. In general, the sample collection and preparation protocols employed by the OGS, when properly carried out, minimize the deleterious effects of exotic inorganic materials which may be present in the survey areas.

6. Redox conditions, lake depth and organic content

Not all spatial trends in geochemistry are due to lithological or mineralogical factors. The solubility of trace metals depends to a large extent on the geochemical matrix and, in particular, on pH and oxidation–reduction (redox) conditions. Redox conditions in a lake are usually controlled by thermal conditions which, in turn, are controlled by lake morphology and lake depth. If conditions are suitable for an element to preferentially partition into the lake sediment, factors that may influence (enhance) the concentration of the element include the abundance of Fe, Mn and organic material. The mechanisms that may lead to "false anomalies" include sorption (scavenging) by hydrous oxides of Fe and Mn and the affinity of some elements to form organo-metallic complexes. Enrichment of some elements in the shallow (surface to 10 cm deep) sediment can occur due to the upward migration and precipitation or concentration of Fe and Mn (and other trace elements such as Co, Pb, Mo and Zn originally co-precipitated with Fe and Mn). The OGS sampling technique avoids the surface sediment and targets the deep (>20 cm) sediment thereby reducing or minimizing the effects Fe, Mn and base metal enrichment that may occur in the surface sediment, whether by redox cycling or by anthropogenic input. This assumes a similar sedimentation rate in all of the sampled lakes and that the lake sediments deposited over the past several hundred years being undisturbed. This may not always be true. Sedimentation rates can vary depending on the energy of and the input to the depositional environment. Other factors to consider are sediment slumpage and/or mudslides, the effects of wavebase and the activities of animals. Therefore, the inadvertent collection of some "mixed" (shallow and deep sediment) samples is unavoidable.

LAKE SEDIMENT GEOCHEMISTRY RESULTS

The lake sediment anomalies shown in Figure 4 and discussed in the following section are those which are of greatest interest to exploration; however, they are not ranked in any particular order. In some areas of the study area, sample site density was relatively poor; therefore, this survey was not able to geochemically assess all of the drainage catchments. In addition, since only a small portion of the total number of samples were submitted for PGE analysis, the results of this survey should not be considered exhaustive in terms of outlining or identifying all PGE prospective areas. When following up the results of this survey, the reader is encouraged to consider pathfinder elements, such as copper, which is often associated with gold occurrences in the Kakagi Lake survey area. The following discussion is not exhaustive and the reader is encouraged to undertake further investigation utilizing all available exploration data sets.

Proportional dot maps for LOI, lake depth, pH and electrical conductivity were plotted on a generalized bedrock geology map of the study area and are shown in Appendix 1. Proportional dot maps of analytical results for Ag, As, Au, Be, Ca, Cd, Co, Cr, Cs, Cu, Fe, Li, Mn, Mo, Nb, Ni, Pb, Pd, Pt, total REEs, Sb, Th, U, V, W, Zn and Zr are contained in Appendix 2. Appendix 3 contains a listing of lake sediment analytical data for these elements. In this report, samples with less than 10% LOI were not included in the data used for the production of the geochemical dot plots in Appendix 2. Samples with a low amount of organic matter tend to dilute the trace element signature of interest due to the relative high abundance of resistant quartz- and feldspar-rich material. Exceptions to this may include PGEs, which may show anomalous results in low-organic samples, especially when those samples were collected in the vicinity of mafic to ultramafic bedrock. All data, regardless of LOI value, have been included in the associated digital data set (MRD 201) released in conjunction with this report.

For most elements, concentrations exceeding the 90th percentile of the data set are defined as "elevated", concentrations greater than the 95th percentile are "anomalous" and concentrations greater than the 98th percentile are "highly anomalous". In some cases, precision estimates prohibited using these threshold levels, so readers are encouraged to consult the legend that is included with each figure. Elemental concentrations of Au exceeding 7 ppb are considered to be anomalous and therefore of interest.

As of January 2006, many of the areas discussed in this report were available for staking. The approximate state of land tenure for the study area is shown in Figure 5. Readers are referred to the Ministry of Northern Development and Mines (MNDM) Provincial Mining Recorders Office for an up-to-date and precise description of the availability of land for staking. Sites referred to in the following discussion can be found on the sample location map (Figure 6, back pocket).

Description of Anomalous Areas

1. Little Hawkcliff Lake area U, ±Au, ±Ag, ±Cd, ±Li

Sites: 20-24, 26-29, 103-104, 106-108, 133, 136-139, 174

This broad anomalous area lies within the Dryberry Batholith along its southeastern border. It is primarily anomalous in uranium: site 26 has the highest U value in the survey (85 ppm); site 108 has the 3rd highest value of U (44 ppm); and site 20 has the 4th highest value of U (42 ppm). Of particular interest is site 23 which has an anomalous Au (15 ppb) and a silver signature.

Nineteen of the 21 sites sampled in this part of the Dryberry Batholith returned anomalous uranium values. There are no documented mineral occurrences located in this area. Most of this anomalous area was available for staking as of February 2006.

2 Kenu Lake area U, Th, ±REEs, ±Cs, ±Li, ±Ta, ±Zn

Sites: 6-8, 30-31

This anomalous area lies near the contact between the Dryberry Batholith, intermediate metavolcanics and diorite-granodiorite suite rocks. It has primarily a U-Th-REE signature, with local lakes anomalous in Cs-Li-Ta, suggesting the presence of REE bearing pegmatites.

There are no documented mineral occurrences located in this area and was entirely open for staking as of February 2006.

3. Flora–Empire Lake area ±U, ±Cu, ±Au, ±Cd, ±Ni, ±W

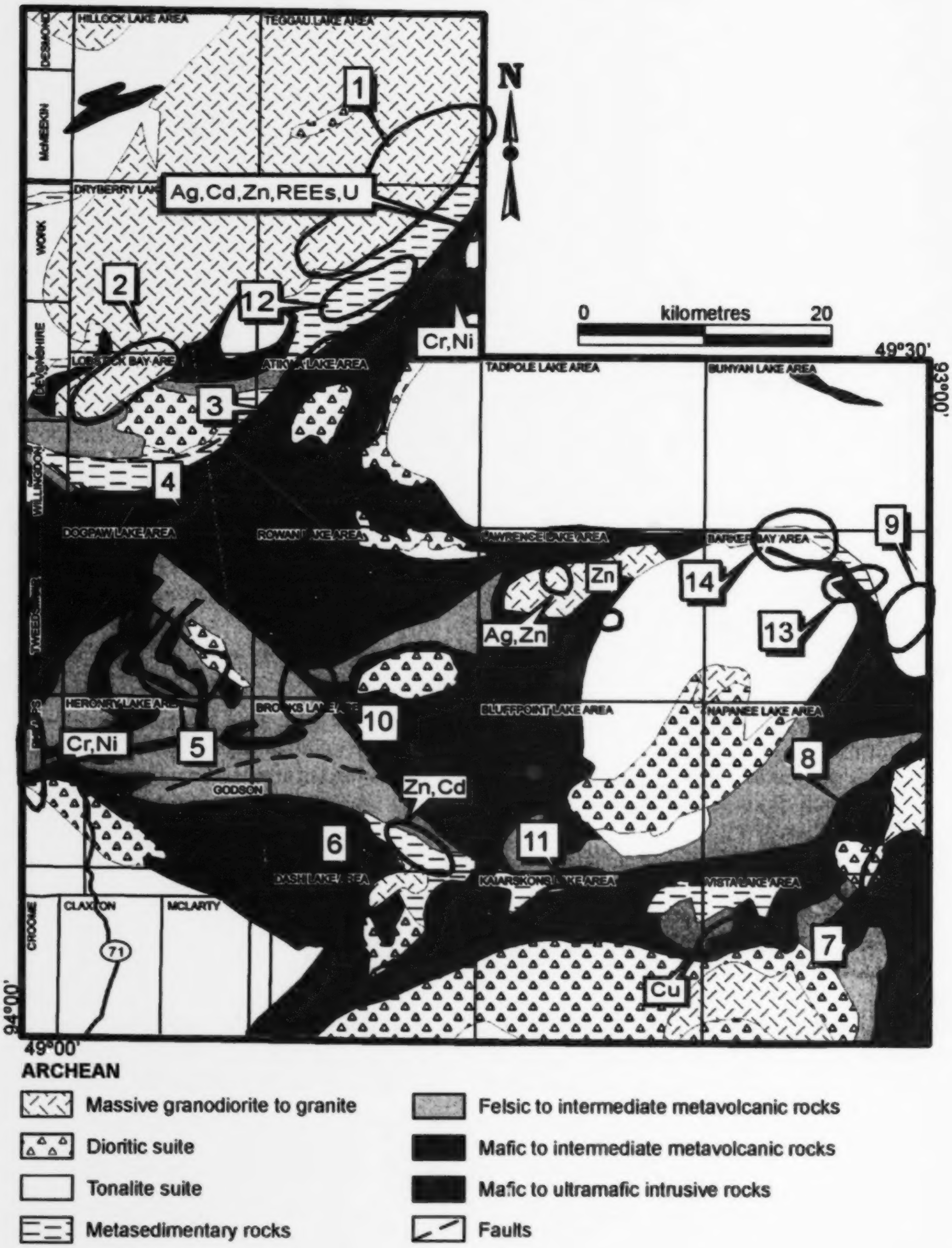
Sites: 48, 69-71, 123, 189, 207, 231-233, 236-238, 246, 248, 256-257, 281

This anomalous area is composed of a broad U anomaly that is associated with the Flora Lake Stock. The 3 units that constitute the Flora Lake Stock are monzodiorite, monzonite and granite. Breccia zones and pegmatite are associated with the monzodiorite situated at the outer boundary of the stock (Davies 1973). There are no documented mineral occurrences located in the stock. Most of the area overlying this stock was available for staking as of February 2006.

Several gold anomalies occur north and east of the Flora Lake stock over 3 distinct geological settings:

1) the area underlain by metavolcanics at site 189 (8 ppb Au), situated north of the Flora Lake Stock. There are no documented mineral occurrences in this area;

2) the area northeast of the Flora Lake Stock where a northward trending zone of shearing is evident due to the presence of highly strained metavolcanic rocks; site 252 in this area returned



HILLOCK LAKE AREA
TEGGAU LAKE AREA
DESMOND
McMEEKIN
DRYBERRY LAK
WORK
DEVONSHIRE
WILLINGDON
TWEEDSMUIR
1
Ag,Cd,Zn,REEs,U
2
12
Cr,Ni
3
4
LOBSTICK BAY ARE
ATIKWA LAKE AREA
TADPOLE LAKE AREA
BUNYAN LAKE AREA
N
0 kilometres 20
49°30'
93°00'
DOGPAW LAKE AREA
ROWAN LAKE AREA
LAWRENCE LAKE AREA
BARKER BAY AREA
9
Zn
14
Ag,Zn
13
HERONRY LAKE ARE
BROOKS LAKE ARE
10
BLUFFPOINT LAKE AREA
NAPANEE LAKE AREA
Cr,Ni
5
8
GODSON
Zn,Cd
6
11
DASH LAKE AREA
KAIARSKONS LAKE AREA
VISTA LAKE AREA
CROOME
CLAXTON
MCLARTY
71
7
Cu
94°00'
49°00'
ARCHEAN
Massive granodiorite to granite
Dioritic suite
Tonalite suite
Metasedimentary rocks
Felsic to intermediate metavolcanic rocks
Mafic to intermediate metavolcanic rocks
Mafic to ultramafic intrusive rocks
Faults

Figure 4: Location of selected geochemically anomalous lake sediment areas (areas labelled with numbers are described in text of report).

the 2nd highest Cu value of the survey and anomalous Au (7 ppb Au). There are several gold and base metal occurrences in the area such as the Violet gold occurrence and the Kenbridge copper-nickel prospect;

3) Directly east of the Flora Lake stock, site 48 had the highest Au value in the survey area with 16 ppb. This sample site is located approximately 4 km northeast of the Maybrun copper-gold prospect. This lake is underlain by felsic intrusive rocks of the Atikwa Batholith, approximately 400 m from the greenstone contact.

Only the ground covering the Flora Lake stock and the area in the immediate vicinity of site 48 were available for staking as of February 2006.

4. Caviar Lake area Ni, ±Cr, ±Co, ±Pb, ±Li, ±Th, ±Ta

Sites: 819, 1499, 1503, 1506-1508, 1511

Most of the anomalous lake sites in this area are located on Caviar Lake which is underlain by mafic to intermediate metavolcanic rocks of the Kakagi–Rowan Lakes greenstone belt. Caviar Lake is a large lake of moderate depth (typically >10 m) and dominated by inorganic sediment, including clay. The geochemical response from the sediment in this lake is most likely due to this inorganic bias. For example, a good inverse correlation (coefficient of -0.76) exists between loss-on-ignition (LOI) and Cr for this survey. In practice, this means that samples with lower LOI (high proportion of inorganic material relative to organic matter) have a tendency to show higher concentrations of Cr. This inorganic bias also likely explains the geochemical response of Ni and the other lithophile elements listed above, including Pt. Sample site 1507 was described as a "mixed clay sample" (10% LOI) which likely explains the anomalous results obtained at this location (for elements Ni, Pt, As, Pb, W, Cd and REEs).

The eastern portion of Caviar Lake features deformed rocks associated with a northward trending zone of shearing. There is less strain to the volcanic and intrusive rocks to the east of Caviar Lake where there are several base metal occurrences associated with the mafic intrusive rocks. Site 817, located near the gabbro body at the northeastern edge of this anomalous area, returned the 3rd highest Cr concentration of this survey.

As of February 2006, approximately one half of this anomalous area was available for staking.

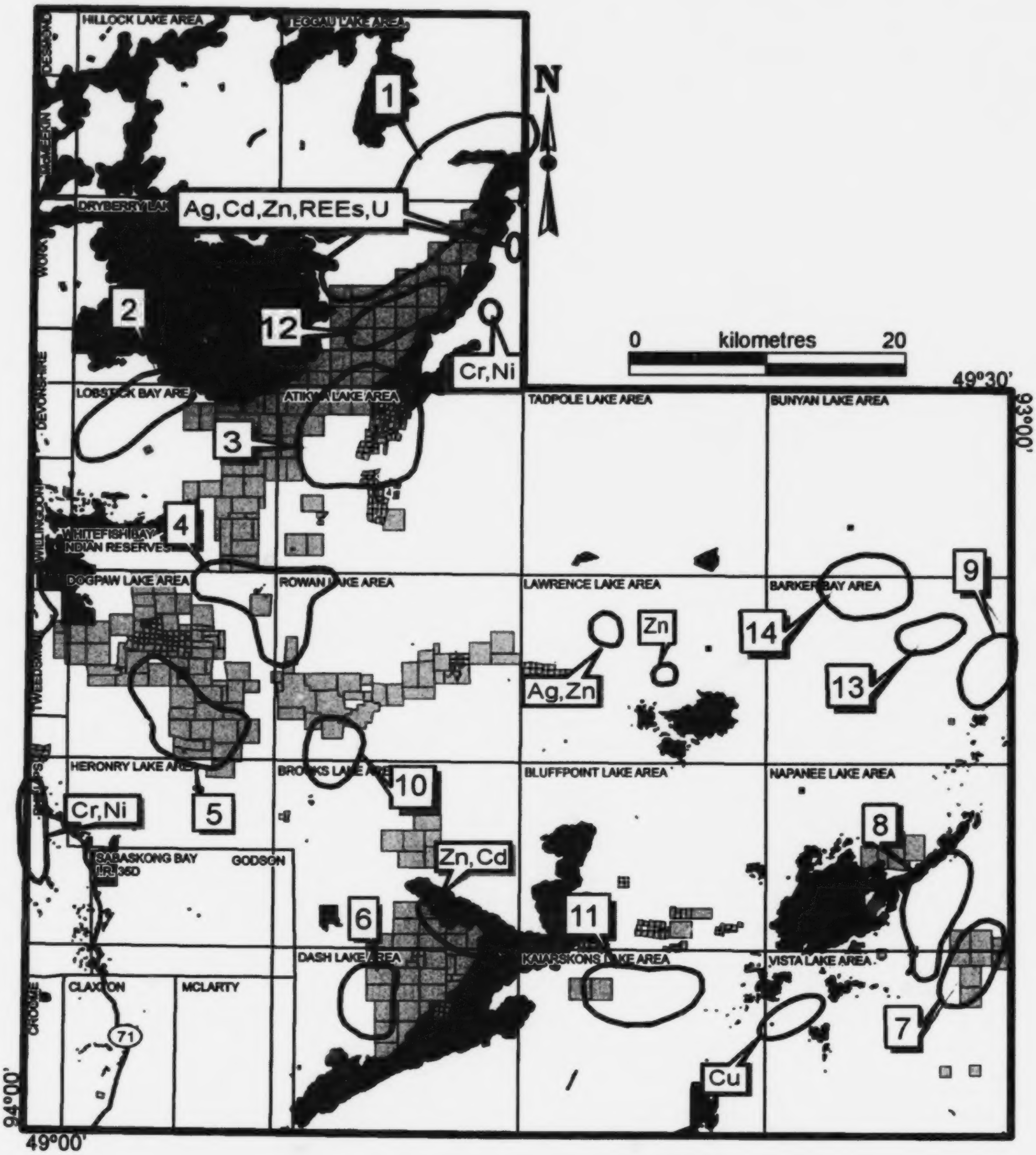
5. Cedartree Lake–Weisner Lake area ±Au, Ni, ±Pd, ±Cr, ±Co

Sites: 1123, 1232, 1343, 1454, 1457, 1459-1461

The area is underlain by rocks of the Kakagi Lake Group, a mix of metavolcanic rocks and layered, differentiated mafic intrusive sills. Felsic intrusive bodies such as the Stephen Lake Stock have subsequently intruded these rocks. Gold in lake sediments was detected at 2 locations in this area: 1) site 1461 (13 ppb), obtained from a small lake that is situated within the Stephen Lake Stock; and 2) site 1460 (8 ppb), obtained from Weisner Lake, situated in metavolcanic rocks adjacent to the Stephen Lake Stock. The sample from Weisner Lake was also anomalous with respect to Cd, Co, Mo, Ni, Pd, Pt and Zn. The combined PGE levels at this site are low (<6 ppb) yet are statistically anomalous for this survey. The Weisner Lake Cu-Zn occurrence is located near this sample site.

This area is also characterized by 2 clusters of Ni anomalous lakes, one centered on Cedartree Lake, the other in the Wicks/Weisner Lake area; the latter includes the highest Ni value of the survey (150 ppm) at site 1459. Despite the lack of known nickel occurrences in the area, according to the Mineral Deposit Inventory (MDI) (OGS 2004), the lake sediment geochemistry in association with the presence of gabbroic rocks suggests good potential for Ni mineralization.

As of February 2006, most of this anomalous area has been staked.


HILLOCK LAKE AREA
TEGGAU LAKE AREA
DESMOND
MCMEEKIN
DRYBERRY LAK
WORK
DEVONSHIRE
LOBSTICK BAY AREA
ATIKWA LAKE AREA
WHITEFISH BAY INDIAN RESERVE
WILLINGDON
DOGPAW LAKE AREA
ROWAN LAKE AREA
TWEEDSMUIR
HERONRY LAKE AREA
PHILLIPS
BROOKS LAKE AREA
SABASKONG BAY I.R. 35D
GODSON
DASH LAKE AREA
CLAXTON
MCLARTY
CROOME
71
TADPOLE LAKE AREA
BUNYAN LAKE AREA
LAWRENCE LAKE AREA
BARKER BAY AREA
BLUFFPOINT LAKE AREA
NAPANEE LAKE AREA
KAIARSKONS LAKE AREA
VISTA LAKE AREA
N
0 kilometres 20
49°30'
93°00'
94°00'
49°00'
1
2
3
4
5
6
7
8
9
10
11
12
13
14
Ag,Cd,Zn,REEs,U
Cr,Ni
Cr,Ni
Zn
Ag,Zn
Zn,Cd
Cu

▨ Staked land, under lease or patent as of February 2006.

■ Parks and protected areas (withdrawn from staking)

Note: This figure is intended to represent the approximate state of land tenure as of February 2006. It is not a legal description and cannot be used as a substitute for the files of the regional Mining Recorder.

Figure 5: Approximate land tenure showing geochemically anomalous areas (numbered) described in the report text.

6. Bethune Lake area Cu, ±Ag, ±Cd, ±Zn

   Sites: 950, 1242, 1250, 1259, 1280-81, 1318-19

   This area is characterized by numerous Cu-Ag anomalies, including a cluster of 4 lakes that are anomalous in Cu: the highest Cu (229 ppm) in the survey is at site 1281. Site 1319 also features a Zn anomaly and is located on the same lake as the Freeport Lake zinc occurrence. The southern part of this anomalous area, centered on the Bethune gold occurrence, has several lakes that are anomalous in Cu. Bedrock consists of mafic to intermediate metavolcanics and mafic intrusive rocks. The geology and lake sediment geochemistry suggests potential for VMS type mineralization.

   Approximately one half of this area was open for staking as of February 2006.

7. Fahey Lake–Grave Lake area Cu, Mo, Ag, ±Cd, ±Ni, ±Au, ±Cr, ±Pb, ±Sb, ±As, ±Co

   Sites: 553-554, 558, 768-769, 774, 776-780, 782-783

   This area features a cluster of more than 8 lakes that are anomalous in Cu, Mo and Ag. The area is underlain by north-trending mafic metavolcanic and mafic intrusive rocks. Copper concentrations range from 109 ppm (Site 778) to 177 ppm (Site 779) in this area. Two of the lakes anomalous in Cu-Ag also returned anomalous Au concentrations: site 777 with 8 ppb and site 554 with 7 ppb. Sample site 774, obtained from Graves Lake, returned the highest Mo result of the survey with 90 ppm. There are several precious metal and Mo occurrences in the Graves Lake area. The geology and geochemical response in the lake sediments indicates potential for VMS or magmatic Cu-Ni, porphyry Mo, and/or precious metal mineralization.

   Except for the extreme southwest portion of this area, this anomalous area was not open for staking as of February 2006.

8. Bretz Lake–James Lake area ±As, ±Cu, ±Sb, ±Mo, ±Cd, ±U, ±Au, ±Ag, ±Pb, ±Zn

   Sites: 872-874, 876, 916, 1066-1067, 1070-1071

   This is a multi-site and multi-element anomalous area that occurs in an interesting geological and structural setting. The area is located south of the junction of the eastern trending Manitou Stretch–Pipestone Lake fault and the northeast-trending Manitou Straits fault. The bedrock geology consists of metavolcanic, metasedimentary and felsic intrusive rocks. The poly-metal signature occurs near the Bretz Lake felsic intrusion and includes the highest Zn value of the survey (197 pp at site 1067) and an anomalous Au value of 11 ppb at Site 1066. Another gold anomaly occurs to the south of this intrusion at site 1071 (7 ppb). Most samples from sites in the area returned multi-element anomalous values, however, 3 samples obtained within the central part of the Bretz Lake Intrusion returned only anomalous values of uranium. There are no known mineral occurrences in this anomalous area.

   As of February 2006, this area was completely open for staking.

9. Olsen Bay area U, ±Mo, ±Ag, ±Pb

   Sites: 600-602, 729-730, 732-733

   This is principally an area anomalous in uranium and is underlain by the felsic intrusive rocks of the Atikwa Batholith. Highlights include the second highest U value of the survey at site 732 (52 ppm) and the highest Ag value from site 730. Several of these sites also have anomalous Mo values. Molybdenite located near Olsen Bay is the only documented mineral occurrence in this area.

   This area was completely open for staking as of February 2006.

10. Cameron Lake Ni, Cr, Li, Th, Co, ±Ag, ±Au

Sites: VEF-0736, 0737; VEF-0748, 0749

This anomalous area consists of 4 sample sites on Cameron Lake which returned anomalous levels of several metals including Ni and Cr. The Selco copper occurrence is located on a peninsula that is situated roughly central to the 4 anomalous lake sites. There is a small mafic intrusive body located near this peninsula, however, there are no known mineral occurrences associated with this intrusion. One of these sites (VEF-0737) also returned an anomalous gold concentration of 10 ppb. This area is geologically favourable as it is located along the PCDZ. There are several gold occurrences located north of the PCDZ, such as the Cameron Lake Deposit. The relatively deep water conditions of Cameron Lake (typically >10 m deep) and the low LOI (high inorganic content) clayish character of the sediment collected at these sites may have biased the geochemical results, therefore caution should be exercised with these anomalies.

As of February 2006, this area was completely open for staking.

11. Furlonge–Essox Lake area Pb, Sb, ±As, ±Au, ±Cu, ±Cd

Sites: 1160, 1164, 1162, 1167, 1196, 1197, 1208, 1209

This anomalous area, located south of the Manitou Stretch–Pipestone Lake Fault, is underlain by metavolcanics and metasedimentary rocks. These rocks have been intruded by mafic and felsic intrusive rocks. There are several gold occurrences located north of the fault. There are no documented gold occurrences situated in this anomalous area which lies south of the fault.

Although anomalous Au was only recovered at one location (site 1162, 8 ppb), there are a number of lakes with anomalous gold pathfinders (e.g., Sb, As, Cu) that may warrant further investigation; in particular, near sites 1208 and 1164 which returned the 4th and 5th highest Cu concentrations, respectively.

Several exposures of massive pyrite and pyrrhotite are located near the south part of Furlonge Lake. There has been a limited number of exploration programs targeting the base metal potential of this part of the anomalous area. The remainder of the area is devoid of historical exploration activity and mineral occurrences.

As of February 2006 most of this area was open for staking.

12. Pack Lake area REEs, Co, ±Cd, ±Mo, ±Cu, ±Cs, ±W

Sites: 16, 17, 92, 99, 110, 116, 172, 173, 177, 179

This anomalous area, located on the north side of the Wabigoon Fault, is underlain by metasedimentary and felsic intrusive rocks. This multi-site geochemical anomaly includes a strong REE signature which suggests widespread, strong hydrothermal alteration of the local bedrock. A similar pattern of intense REE enrichment in lake sediments (Dyer 1997) near the Winston Lake copper-zinc deposit in the Schreiber greenstone belt corresponds to strong hydrothermal alteration and REE enrichment within the host rocks of the deposit. Exploration in this area should be directed at or near those sites with anomalous levels of gold pathfinders (e.g., Cu, Mo, W).

As of February 2006 this area was completely staked.

13. Kamangus Lake area Mo, Cs, ±Co, ±Cd, ±Zn, ±Li, ±REEs

Sites: 576, 604, 614, 644, 647, 648, 651, 652, 653, 654

The area covers a very strong Mo-Cs geochemical signature, with locally anomalous Cd, Co and Zn. The area is underlain by metavolcanic and metasedimentary rocks. These rocks have been intruded by felsic intrusive rocks associated with the Atikwa Batholith and the Lawrence Lake Batholith.

There are no documented mineral occurrences in this area. The geochemistry suggests potential for molybdenite, possibly associated with pegmatites and related quartz veins. Such occurrences have been documented at several scattered localities within the general region (e.g., Ignace area, Satterly 1941; Lac des Mille Lac area, Vokes 1963).

As of February 2006 this area was open for staking.

14. Fish Hawk Lake area U, ±Li, ±Cs, ±Zn

Sites: 392, 393, 401, 403, 404, 406, 437-440, 568

This area is located adjacent to the Kamangus Lake area and is characterized by strong U anomalies. The anomalous lake sites are situated within greenstone belt sequences and the Lawrence Lake Batholith. There are no documented mineral occurrences in this area.

As of February 2006 this area was open for staking.

A number of additional anomalous areas are indicated on Figures 4 and 5 (e.g., Cr-Ni, Ag-Zn). They are single or double element base metal anomalies that are considered valid and may warrant exploration interest, but are not discussed in this report.

Summary and Conclusions

Preliminary interpretation of the lake sediment analytical results for the Kakagi Lake area indicates the presence of more than 14 anomalous areas. Most of the anomalous areas are multi-element, multi-site anomalies, many of which are considered significant targets for further exploration activities. Some single-element and/or single-site anomalies may also warrant further investigation, particularly if they are located in regions of favourable structure (e.g. PCDZ) or favourable geology. The treatment of available data in this report is not considered to be exhaustive and the reader is encouraged to carry out further investigations.

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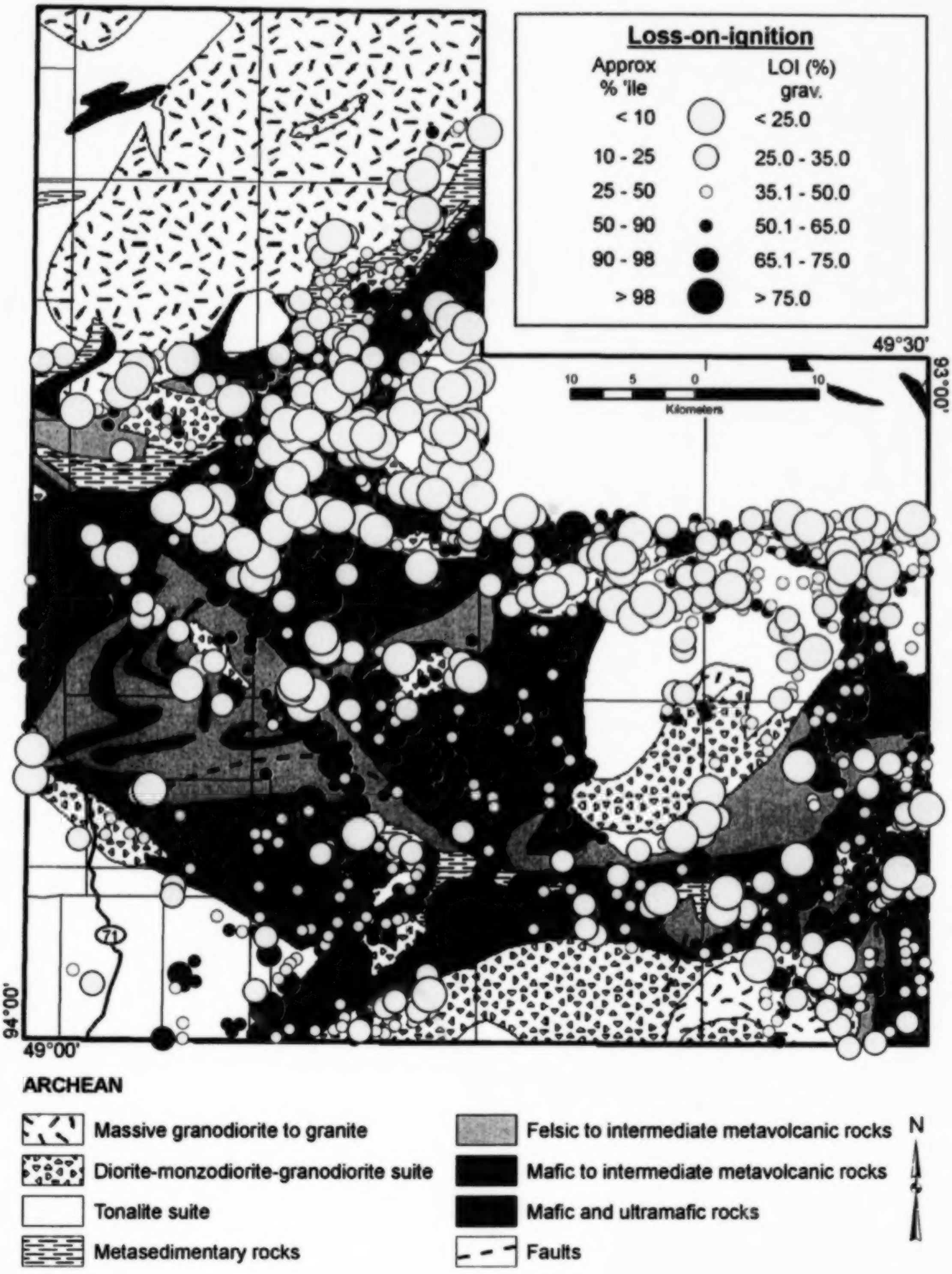
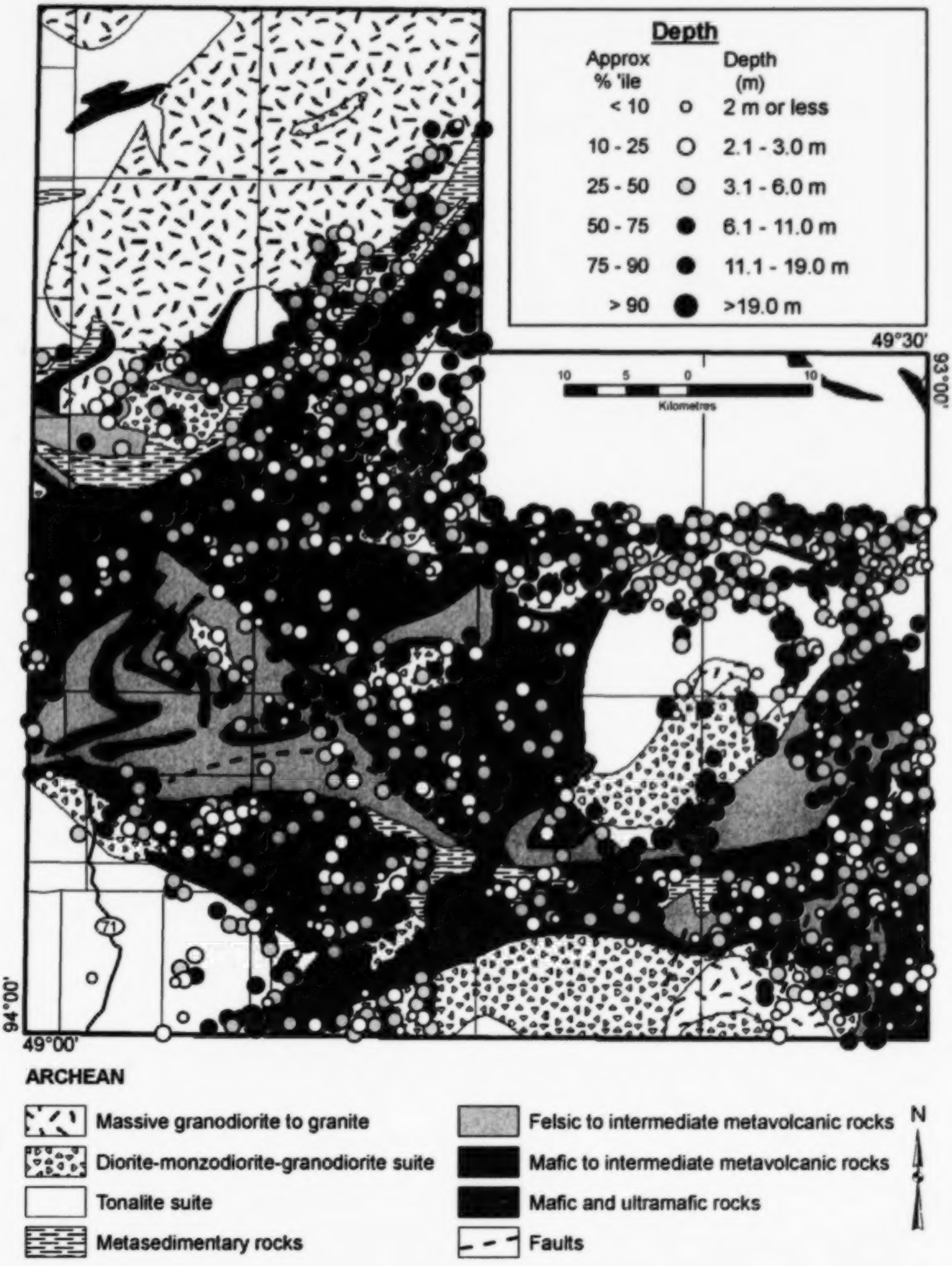
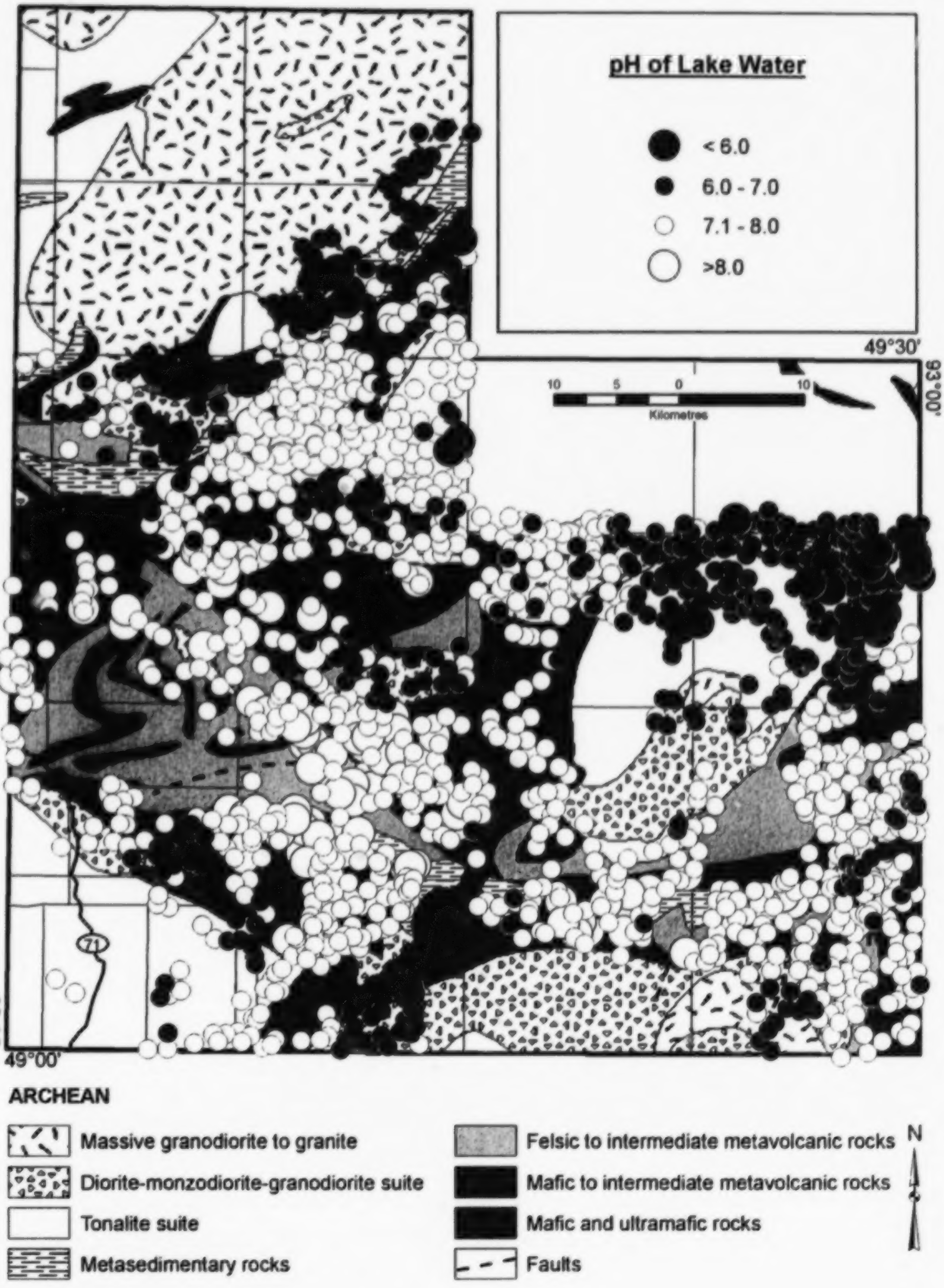
Appendix 1

Proportional Dot Maps of Loss-on-Ignition, Lake Depth, pH and Conductivity


Loss-on-ignition
Approx % 'ile
LOI (%) grav.
< 10
< 25.0
10 - 25
25.0 - 35.0
25 - 50
35.1 - 50.0
50 - 90
50.1 - 65.0
90 - 98
65.1 - 75.0
> 98
> 75.0
49°30'
93°00'
10
5
0
10
Kilometers
71
94°00'
49°00'
ARCHEAN
Massive granodiorite to granite
Diorite-monzodiorite-granodiorite suite
Tonalite suite
Metasedimentary rocks
Felsic to intermediate metavolcanic rocks
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Depth
Approx % 'ile
Depth (m)
< 10 — 2 m or less
10 - 25 — 2.1 - 3.0 m
25 - 50 — 3.1 - 6.0 m
50 - 75 — 6.1 - 11.0 m
75 - 90 — 11.1 - 19.0 m
> 90 — >19.0 m
49°30'
93°00'
10
5
0
10
Kilometres
71
94°00'
49°00'
ARCHEAN
Massive granodiorite to granite
Diorite-monzodiorite-granodiorite suite
Tonalite suite
Metasedimentary rocks
Felsic to intermediate metavolcanic rocks
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


pH of Lake Water
< 6.0
6.0 - 7.0
7.1 - 8.0
>8.0
49°30'
93°00'
10
5
0
10
Kilometres
71
94°00'
49°00'
ARCHEAN
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Tonalite suite
Metasedimentary rocks
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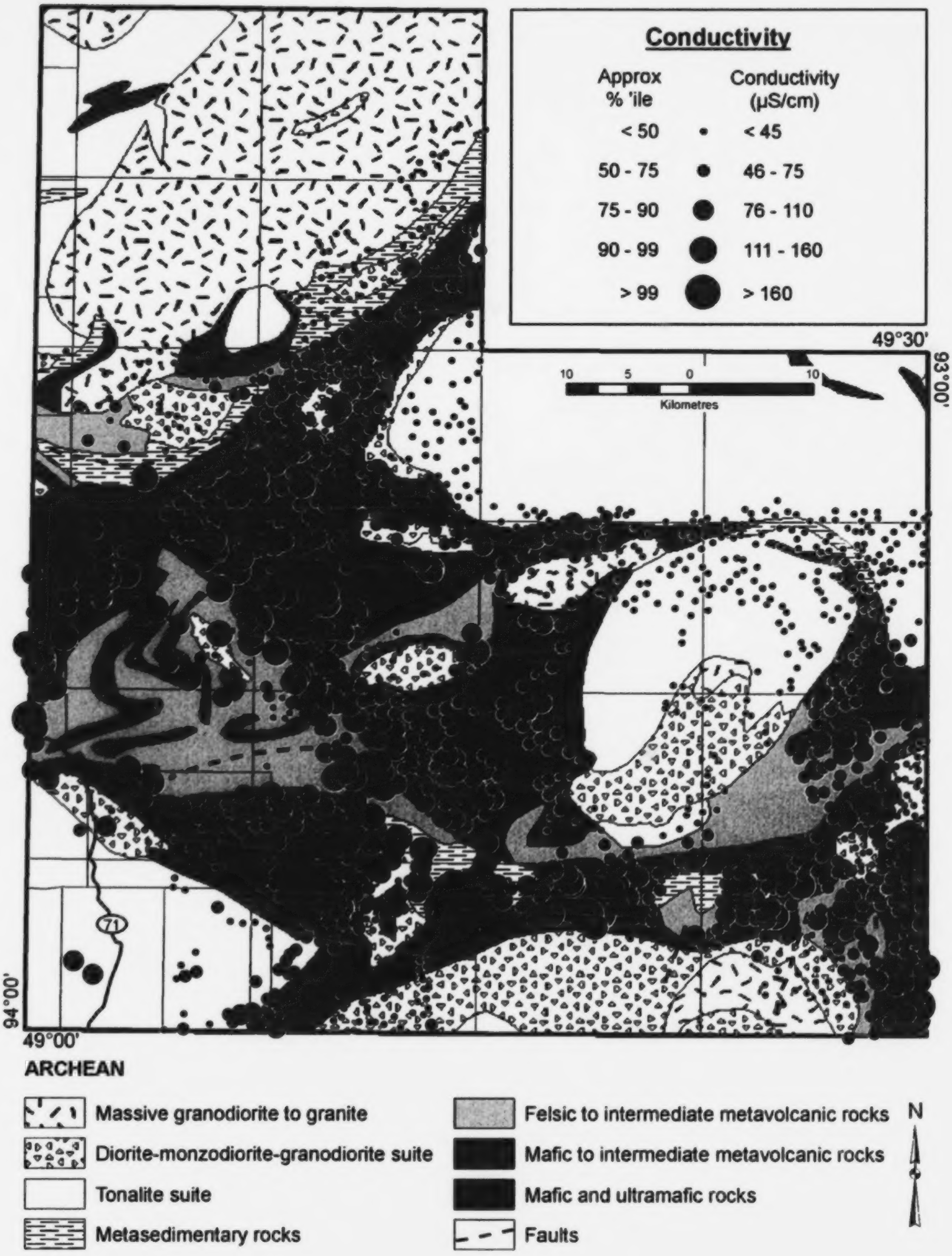
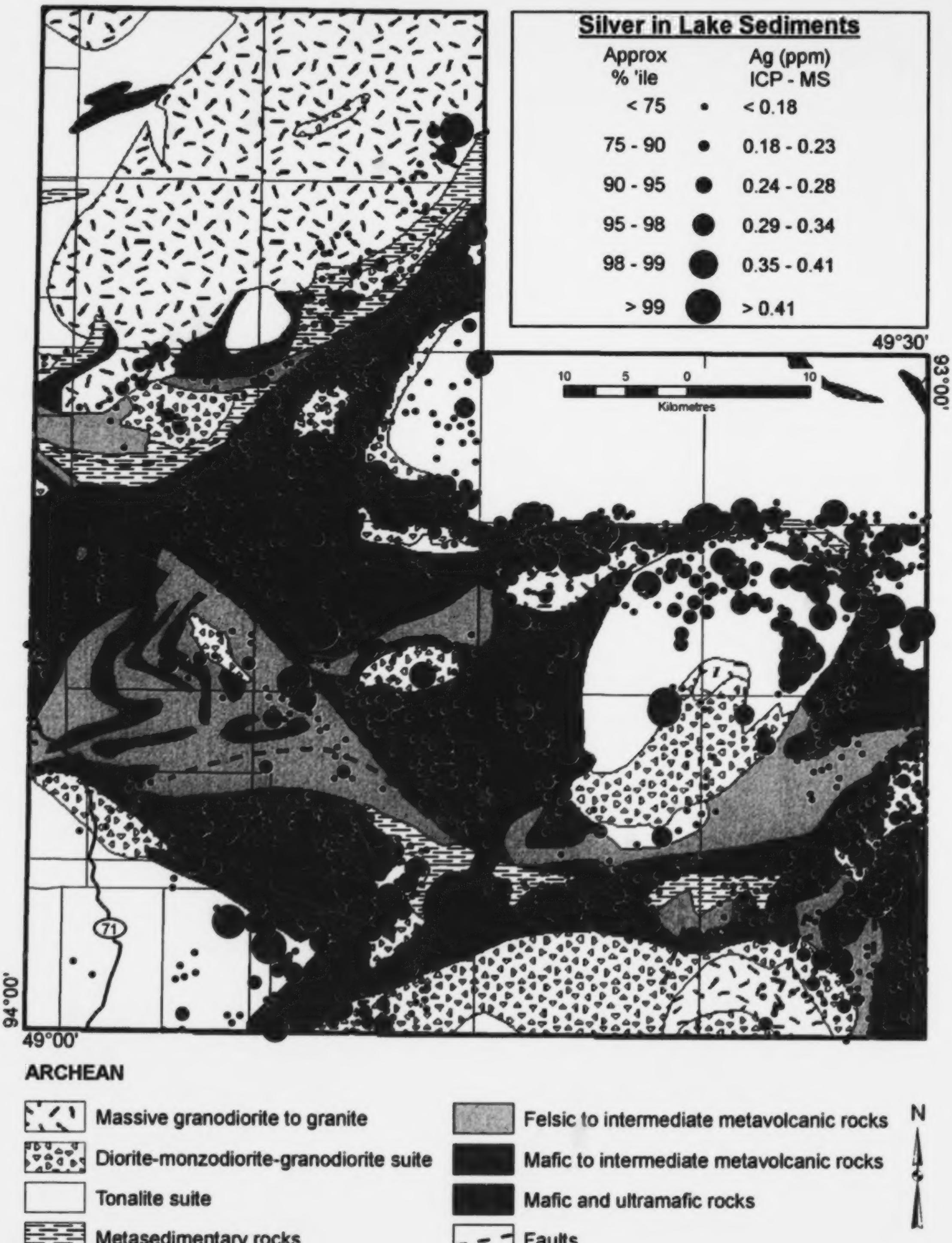
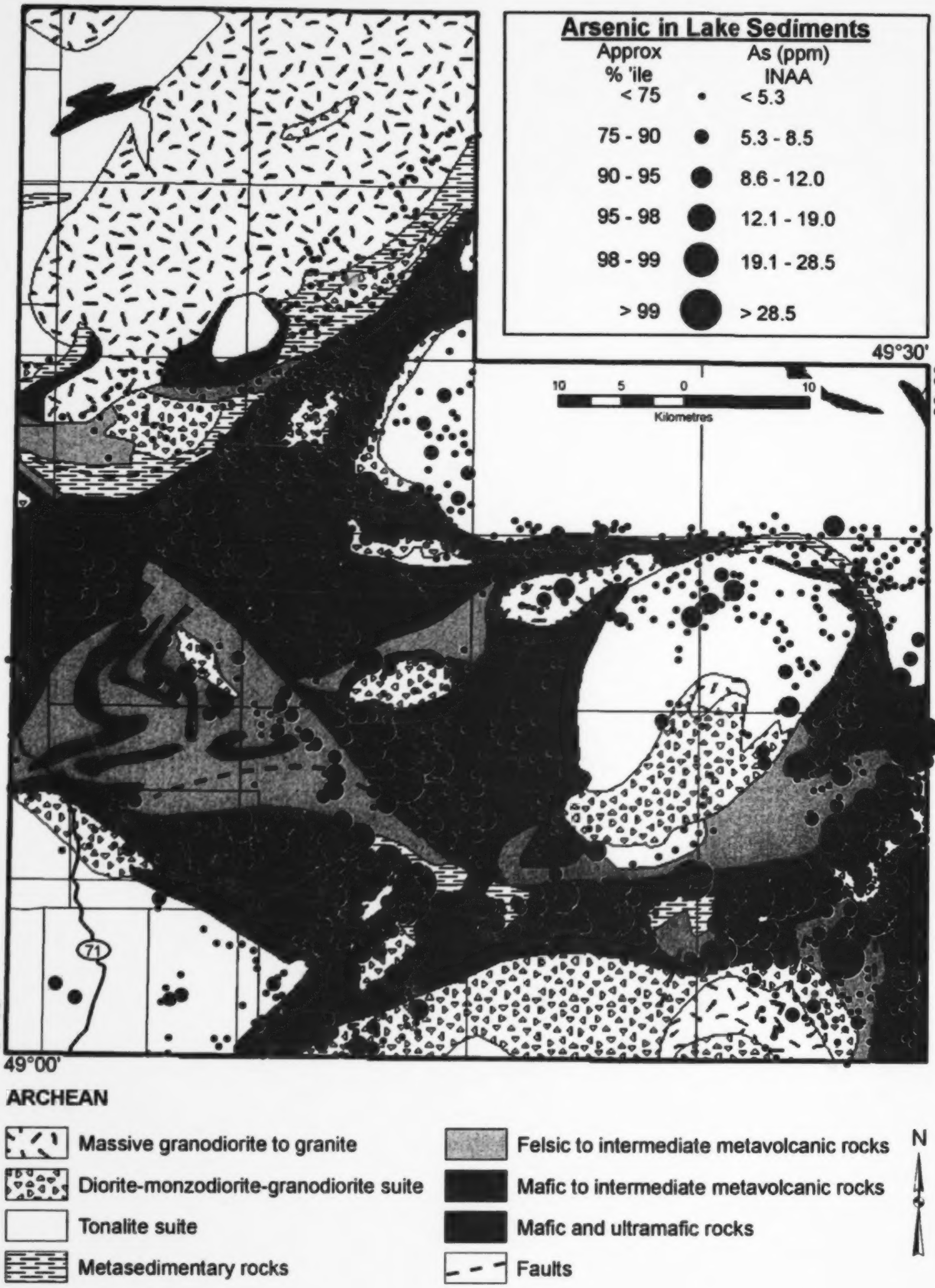
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Conductivity
Approx % 'ile
Conductivity (µS/cm)
< 50 ● < 45
50 - 75 ● 46 - 75
75 - 90 ● 76 - 110
90 - 99 ● 111 - 160
> 99 ● > 160
49°30'
93°00'
10
5
0
10
Kilometres
71
94°00'
49°00'
ARCHEAN
Massive granodiorite to granite
Diorite-monzodiorite-granodiorite suite
Tonalite suite
Metasedimentary rocks
Felsic to intermediate metavolcanic rocks
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N

Appendix 2

Proportional Dot Maps of Lake Sediment Geochemistry
for
Ag, As, Au, Cd, Co, Cr, Cs, Cu,
Li, Mo, Ni, Pb, Pd, Pt, total REEs, Sb, Ta, Th, U, W, Zn and Zr


Silver in Lake Sediments
Approx % 'ile
Ag (ppm) ICP - MS
< 75 ● < 0.18
75 - 90 ● 0.18 - 0.23
90 - 95 ● 0.24 - 0.28
95 - 98 ● 0.29 - 0.34
98 - 99 ● 0.35 - 0.41
> 99 ● > 0.41
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
ARCHEAN
Massive granodiorite to granite
Diorite-monzodiorite-granodiorite suite
Tonalite suite
Metasedimentary rocks
Felsic to intermediate metavolcanic rocks
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Arsenic in Lake Sediments
Approx % 'ile
As (ppm) INAA
< 75 • < 5.3
75 - 90 ● 5.3 - 8.5
90 - 95 ● 8.6 - 12.0
95 - 98 ● 12.1 - 19.0
98 - 99 ● 19.1 - 28.5
> 99 ● > 28.5
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
ARCHEAN
Massive granodiorite to granite
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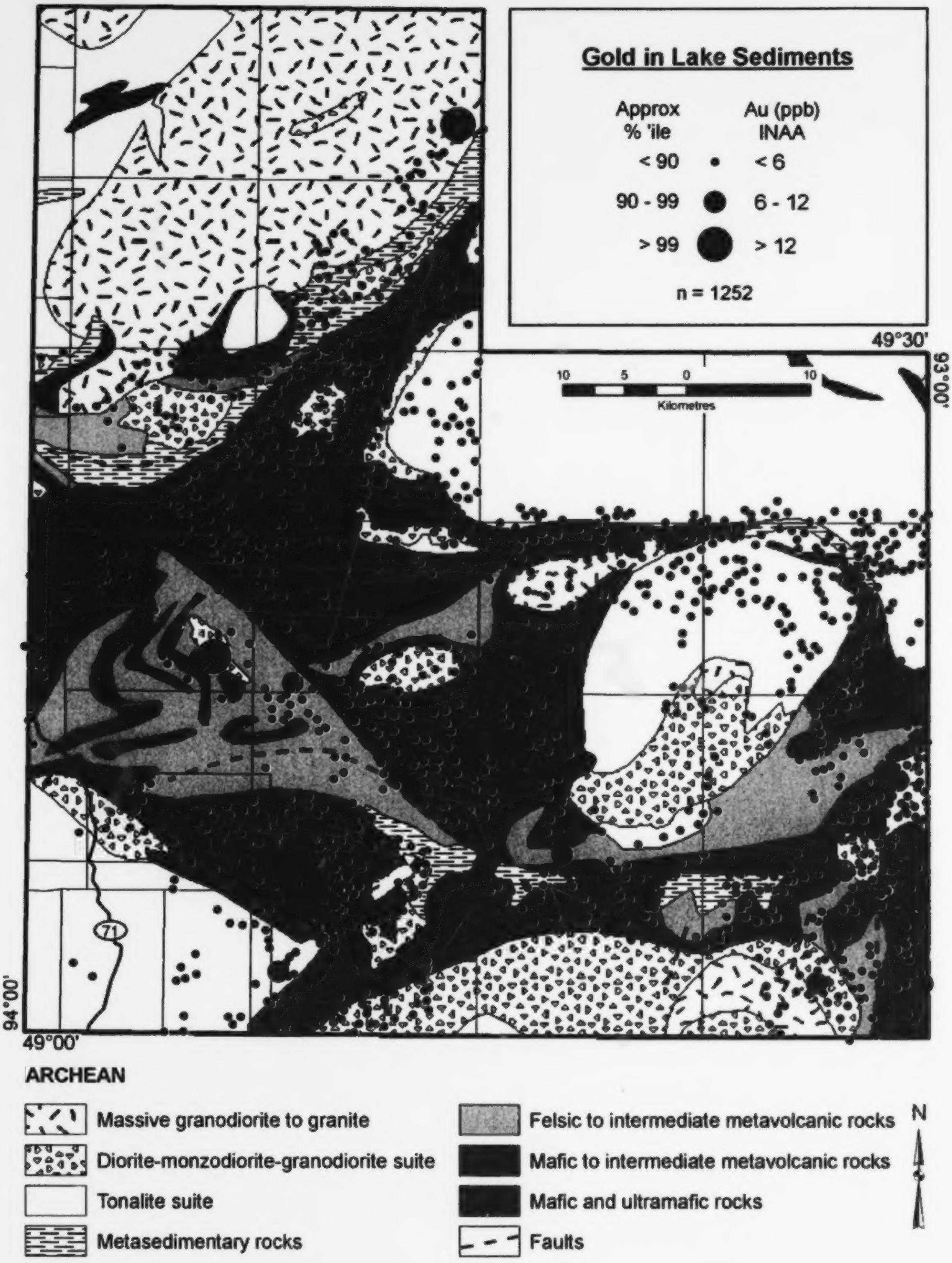
Tonalite suite
Metasedimentary rocks
Felsic to intermediate metavolcanic rocks
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Gold in Lake Sediments
Approx % 'ile
Au (ppb) INAA
< 90 ● < 6
90 - 99 ● 6 - 12
> 99 ● > 12
n = 1252
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
ARCHEAN
Massive granodiorite to granite
Diorite-monzodiorite-granodiorite suite
Tonalite suite
Metasedimentary rocks
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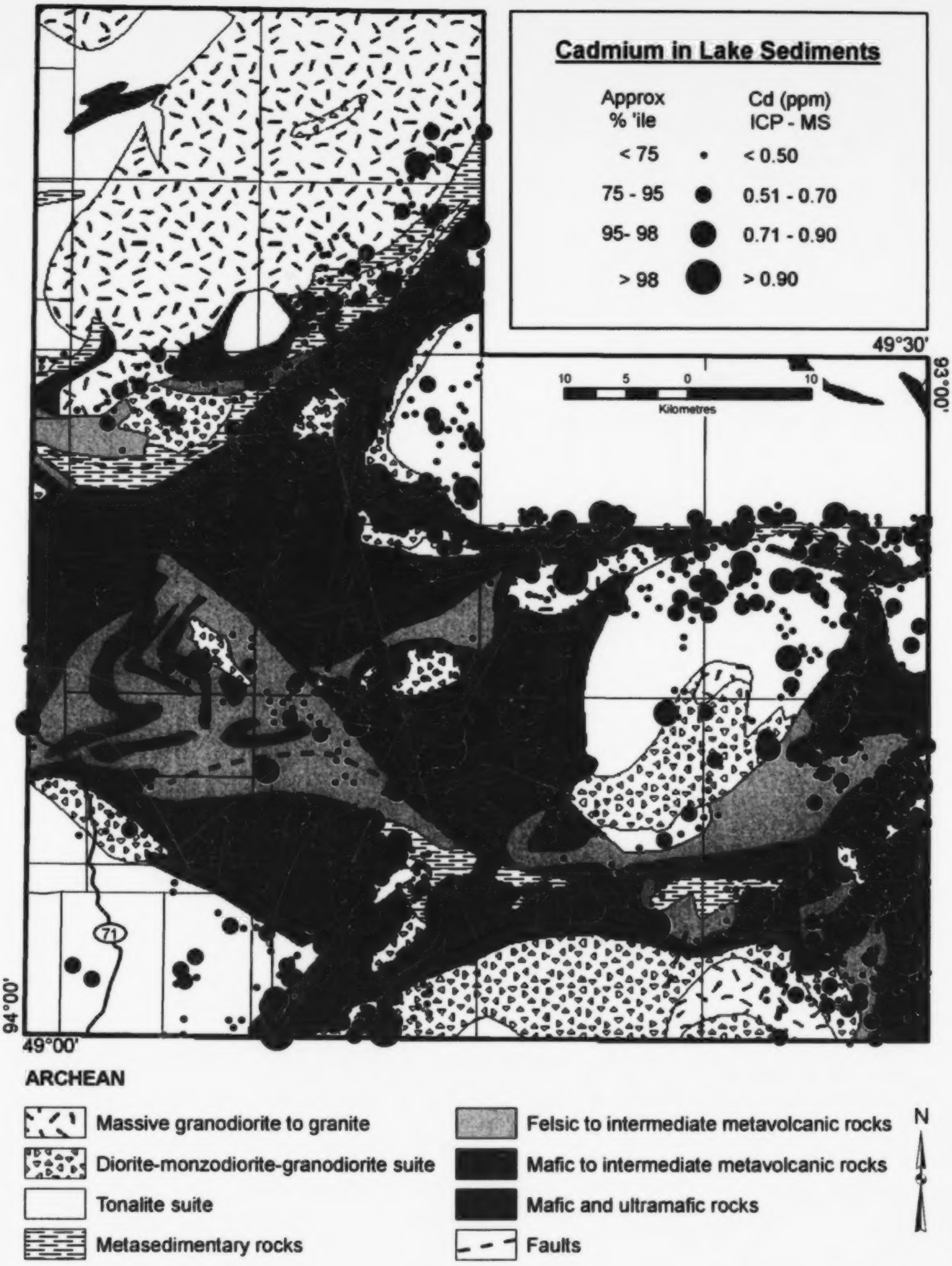
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Cadmium in Lake Sediments
Approx % 'ile
Cd (ppm) ICP - MS
< 75 ● < 0.50
75 - 95 ● 0.51 - 0.70
95- 98 ● 0.71 - 0.90
> 98 ● > 0.90
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
ARCHEAN
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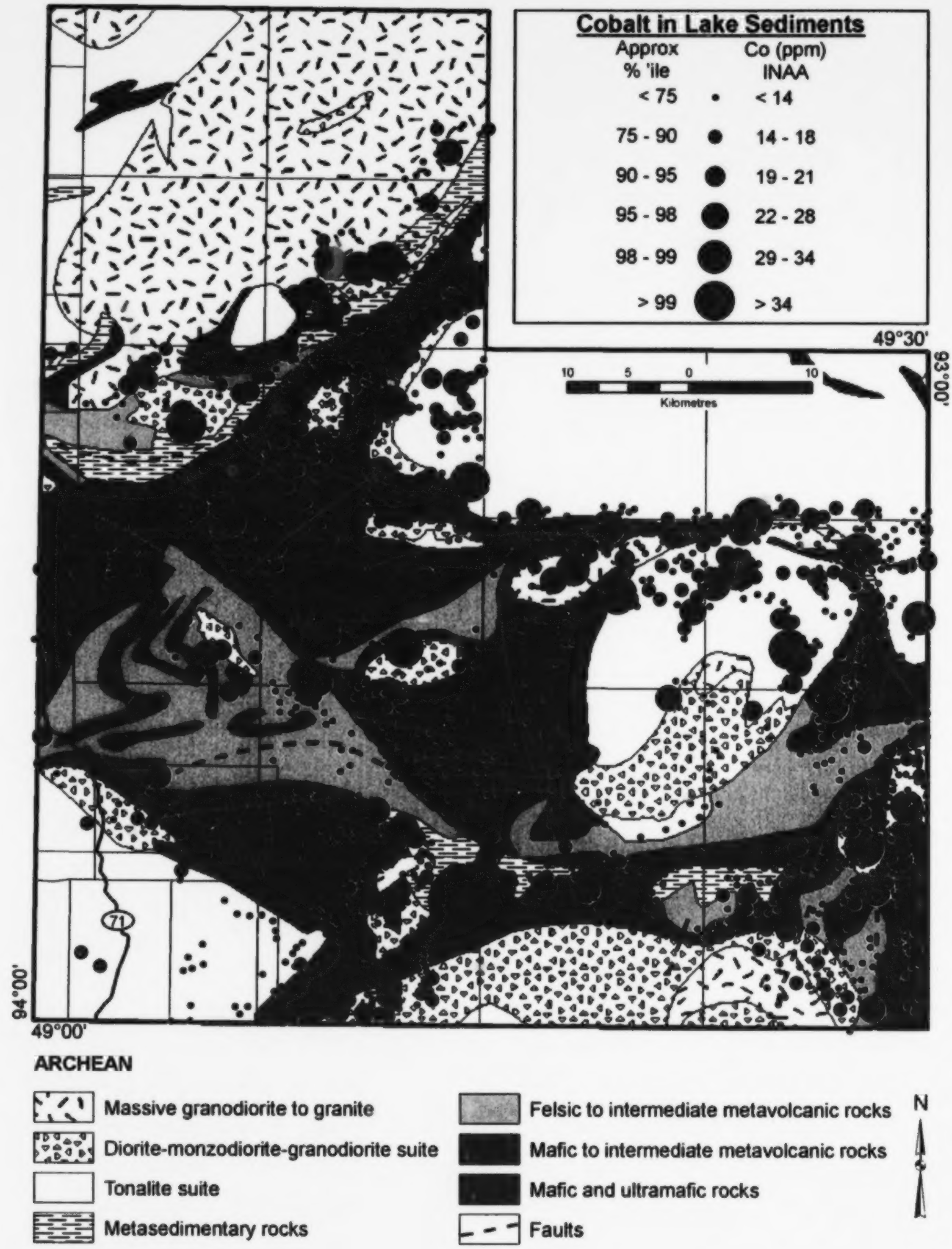
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Cobalt in Lake Sediments
Approx % 'ile
Co (ppm) INAA
< 75 • < 14
75 - 90 ● 14 - 18
90 - 95 ● 19 - 21
95 - 98 ● 22 - 28
98 - 99 ● 29 - 34
> 99 ● > 34
49°30'
93°00'
10
5
0
10
Kilometres
71
94°00'
49°00'
ARCHEAN
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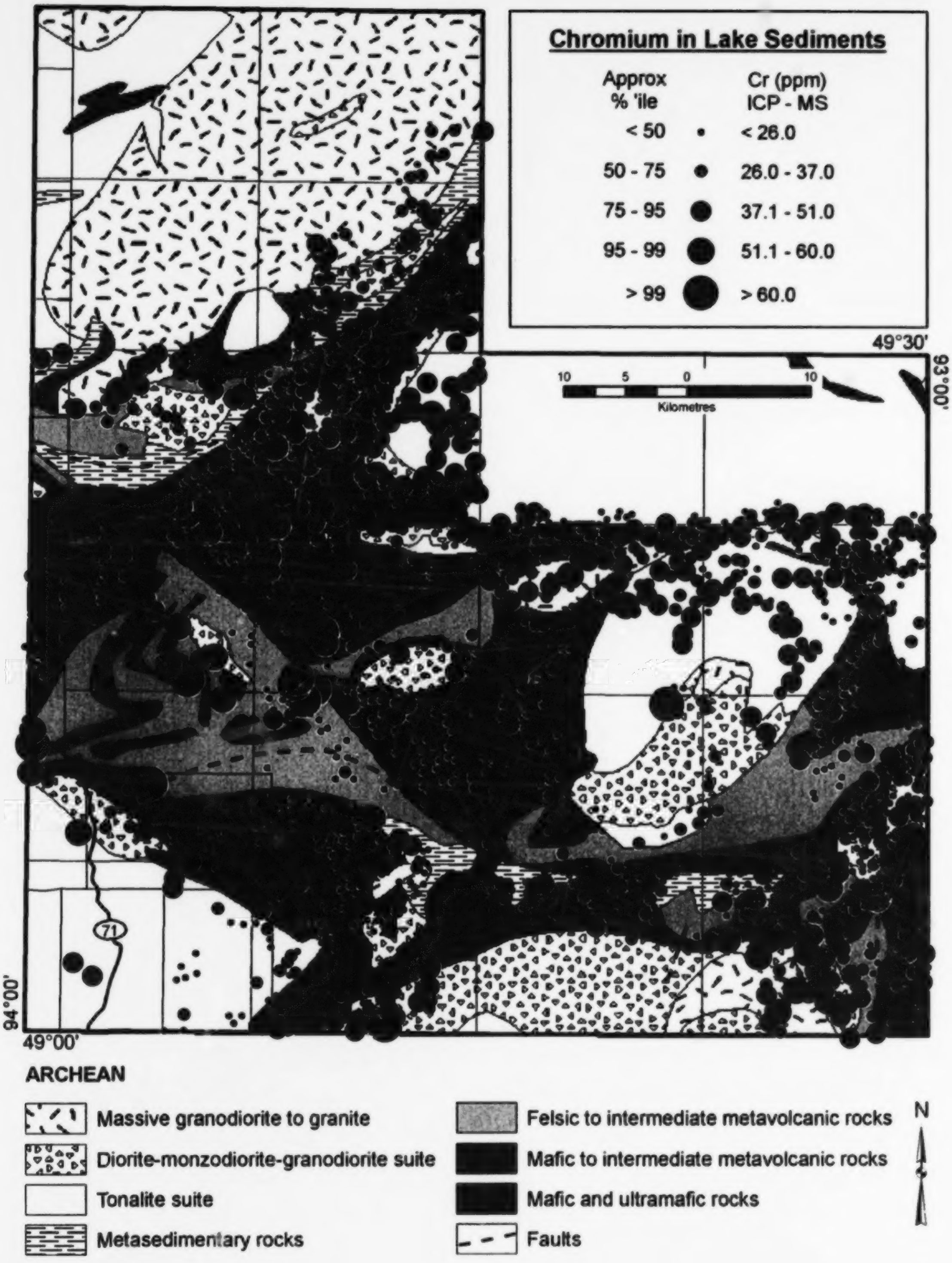
Mafic and ultramafic rocks
Faults
N


Chromium in Lake Sediments
Approx % 'ile
Cr (ppm) ICP - MS
< 50 • < 26.0
50 - 75 ● 26.0 - 37.0
75 - 95 ● 37.1 - 51.0
95 - 99 ● 51.1 - 60.0
> 99 ● > 60.0
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
ARCHEAN
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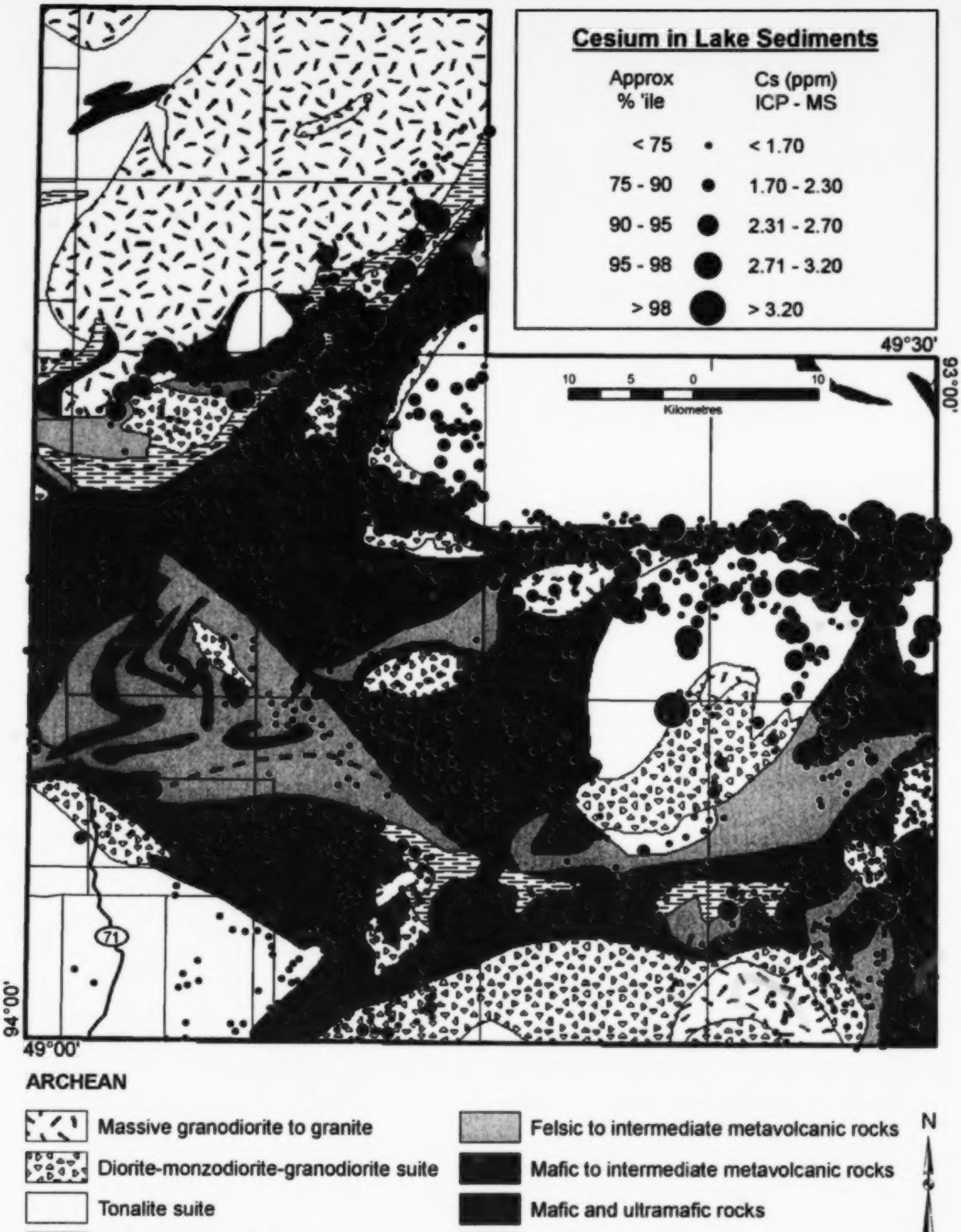
Mafic and ultramafic rocks
Faults
N


Cesium in Lake Sediments
Approx % 'ile
Cs (ppm) ICP - MS
< 75 • < 1.70
75 - 90 • 1.70 - 2.30
90 - 95 ● 2.31 - 2.70
95 - 98 ● 2.71 - 3.20
> 98 ● > 3.20
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
ARCHEAN
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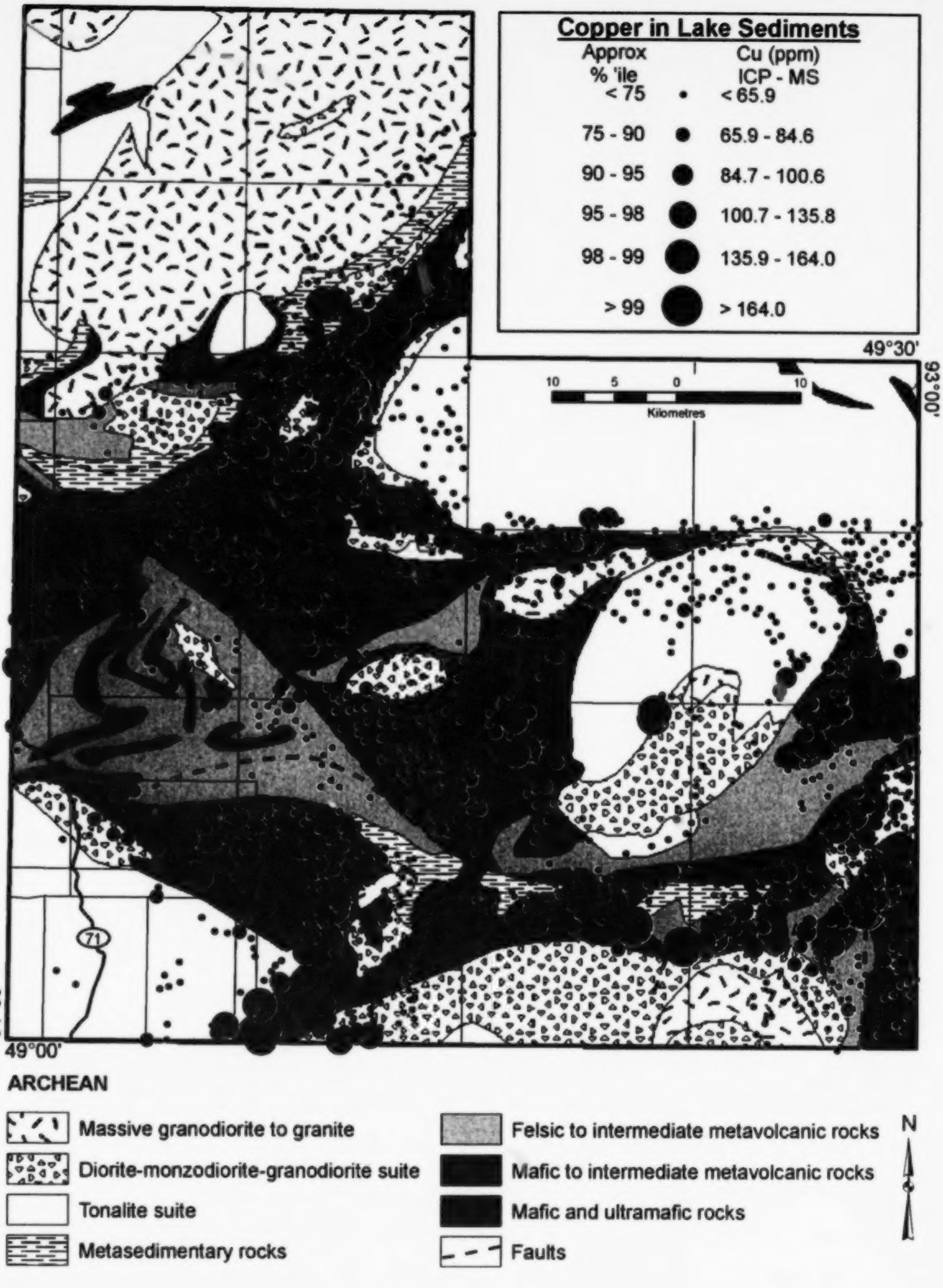
Mafic and ultramafic rocks
Faults
N


Copper in Lake Sediments
Approx % 'ile
Cu (ppm) ICP - MS
< 75
< 65.9
75 - 90
65.9 - 84.6
90 - 95
84.7 - 100.6
95 - 98
100.7 - 135.8
98 - 99
135.9 - 164.0
> 99
> 164.0
49°30'
93°00'
10
5
0
10
Kilometres
71
94°00'
49°00'
ARCHEAN
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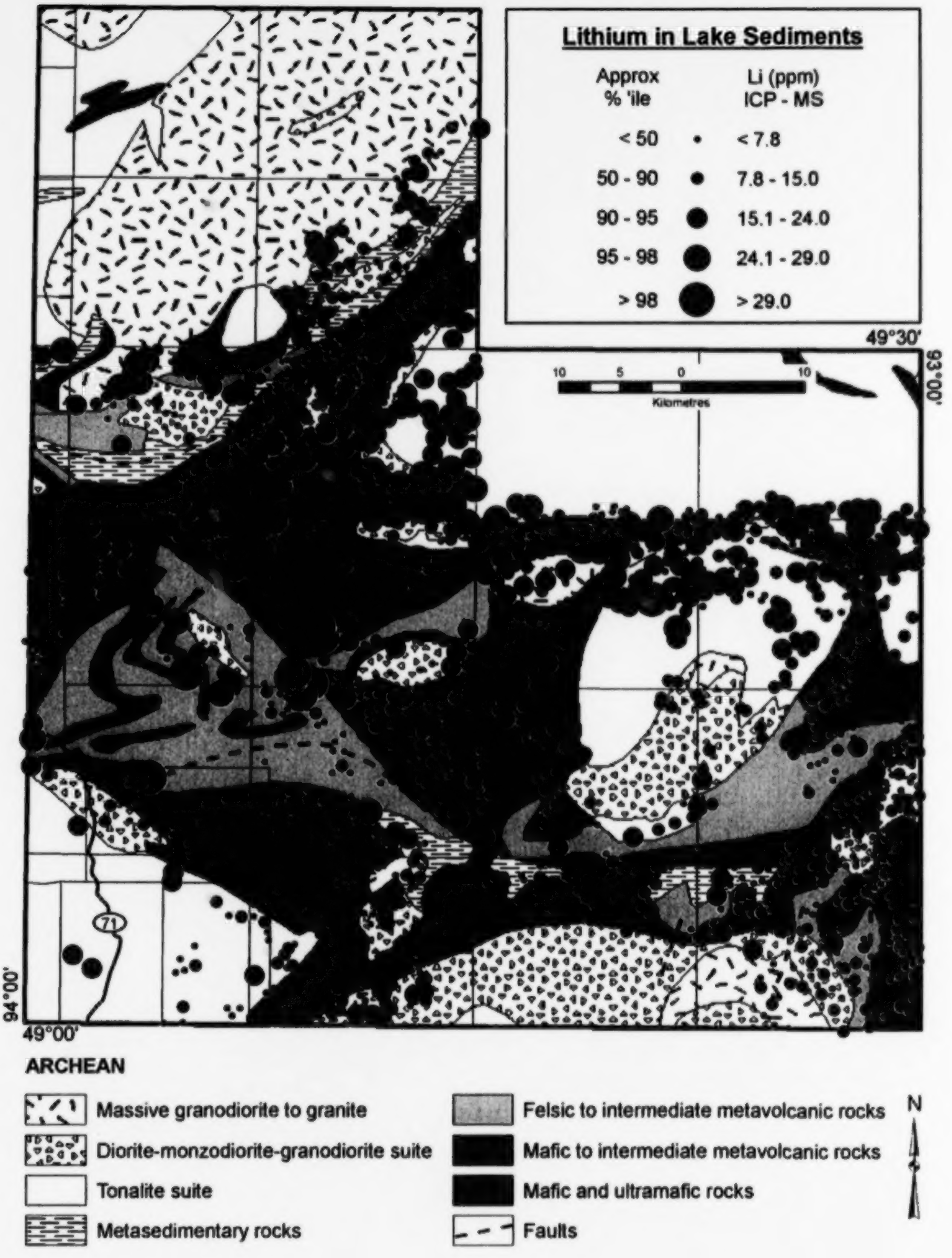
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Lithium in Lake Sediments
Approx % 'ile
Li (ppm) ICP - MS
< 50 • < 7.8
50 - 90 ● 7.8 - 15.0
90 - 95 ● 15.1 - 24.0
95 - 98 ● 24.1 - 29.0
> 98 ● > 29.0
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
ARCHEAN
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Tonalite suite
Metasedimentary rocks
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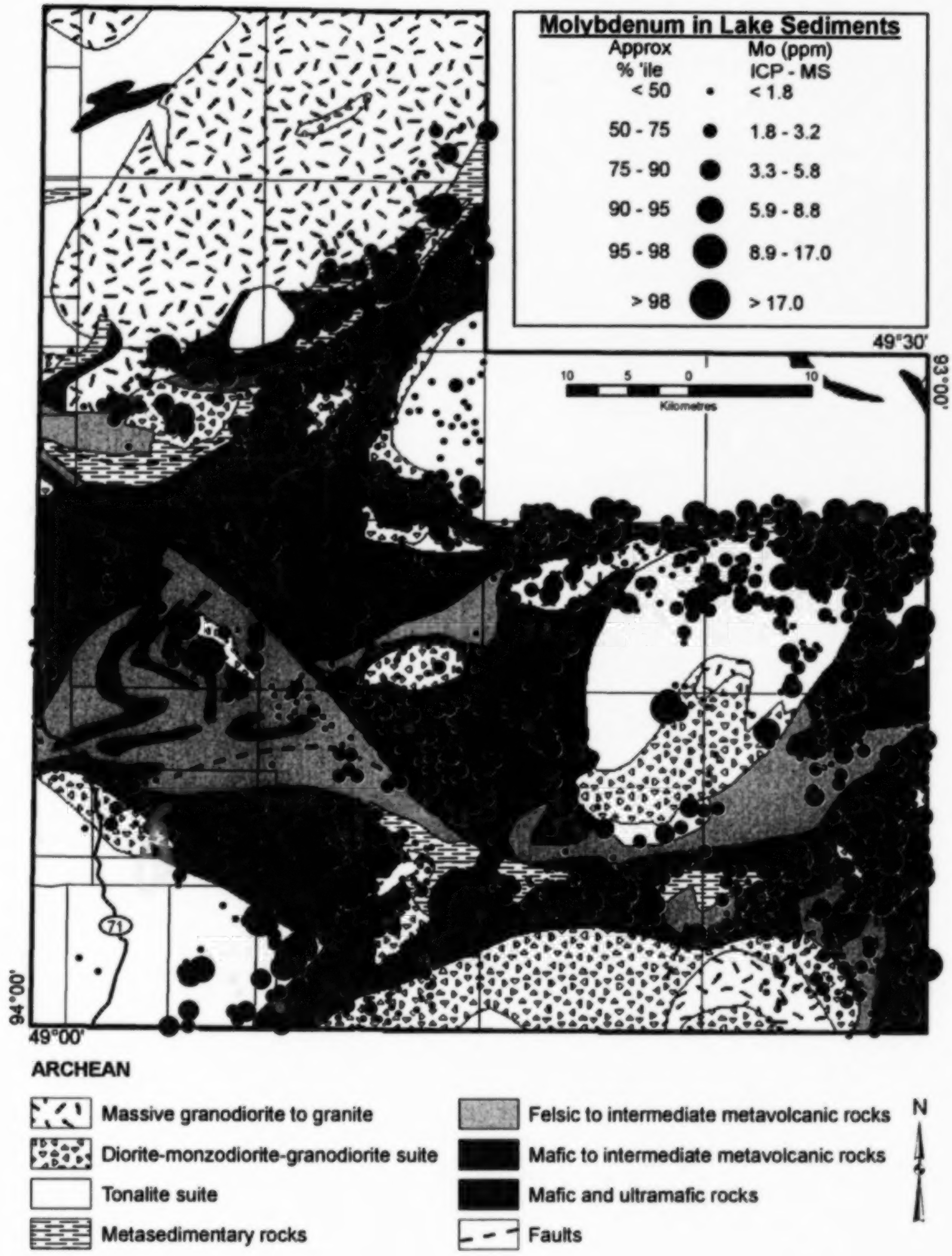
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Molybdenum in Lake Sediments
Approx % 'ile
Mo (ppm) ICP - MS
< 50 • < 1.8
50 - 75 ● 1.8 - 3.2
75 - 90 ● 3.3 - 5.8
90 - 95 ● 5.9 - 8.8
95 - 98 ● 8.9 - 17.0
> 98 ● > 17.0
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
ARCHEAN
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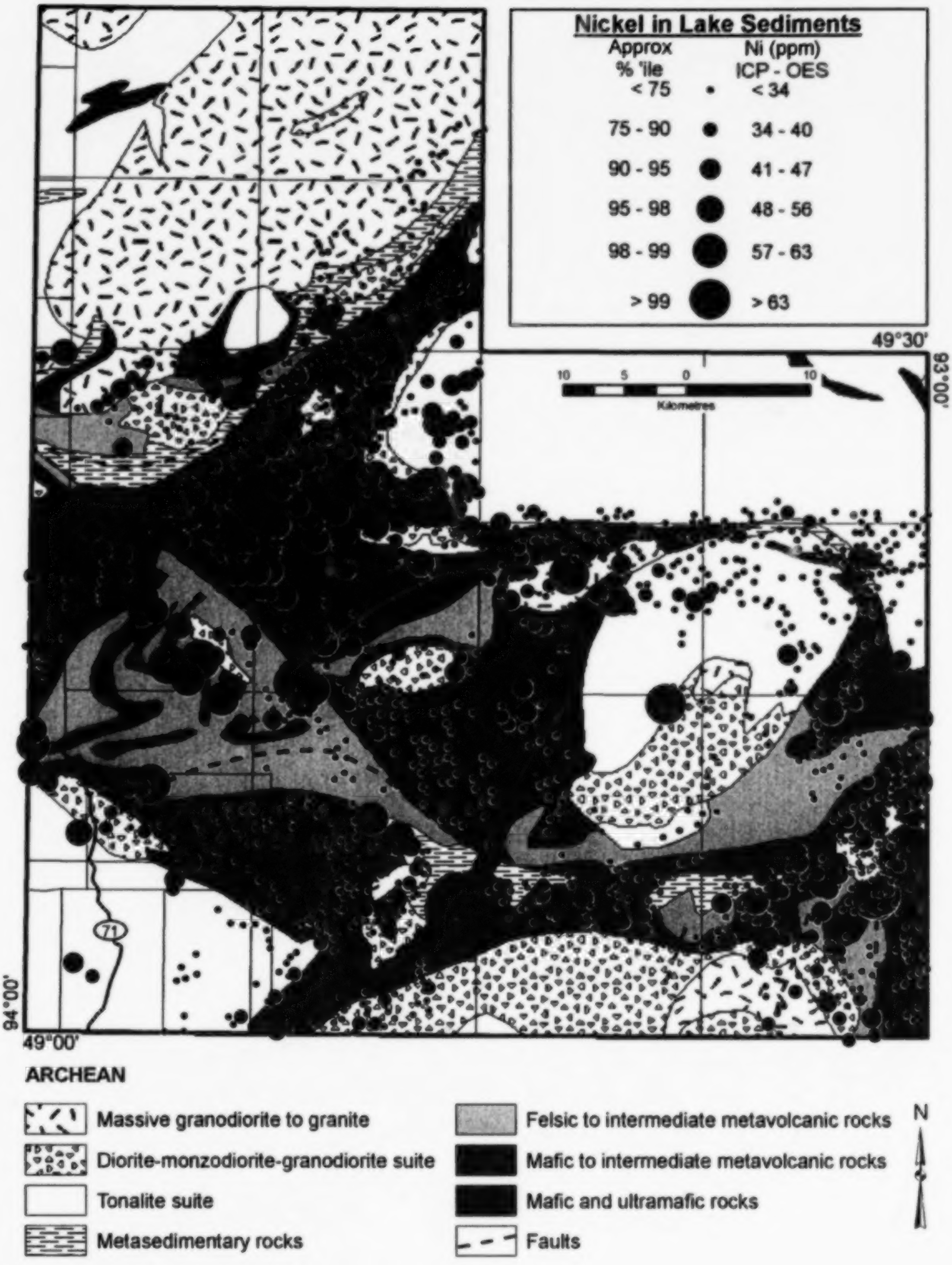
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Nickel in Lake Sediments
Approx % 'ile
Ni (ppm) ICP - OES
< 75 · < 34
75 - 90 ● 34 - 40
90 - 95 ● 41 - 47
95 - 98 ● 48 - 56
98 - 99 ● 57 - 63
> 99 ● > 63
49°30'
93°00'
10
5
0
10
Kilometres
71
94°00'
49°00'
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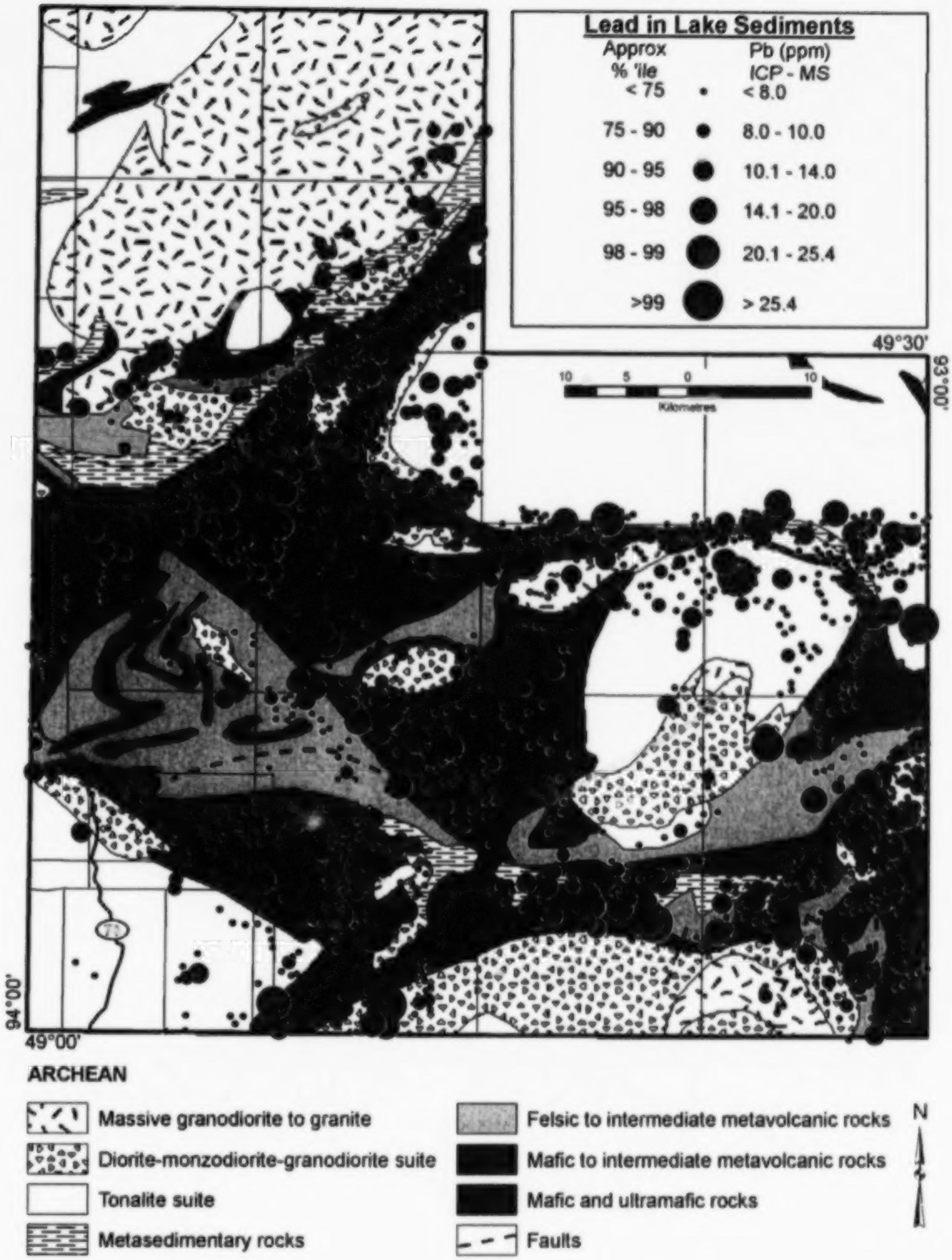
Mafic and ultramafic rocks
Faults
N


Lead in Lake Sediments
Approx % 'ile
Pb (ppm) ICP - MS
< 75 < 8.0
75 - 90 8.0 - 10.0
90 - 95 10.1 - 14.0
95 - 98 14.1 - 20.0
98 - 99 20.1 - 25.4
>99 > 25.4
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
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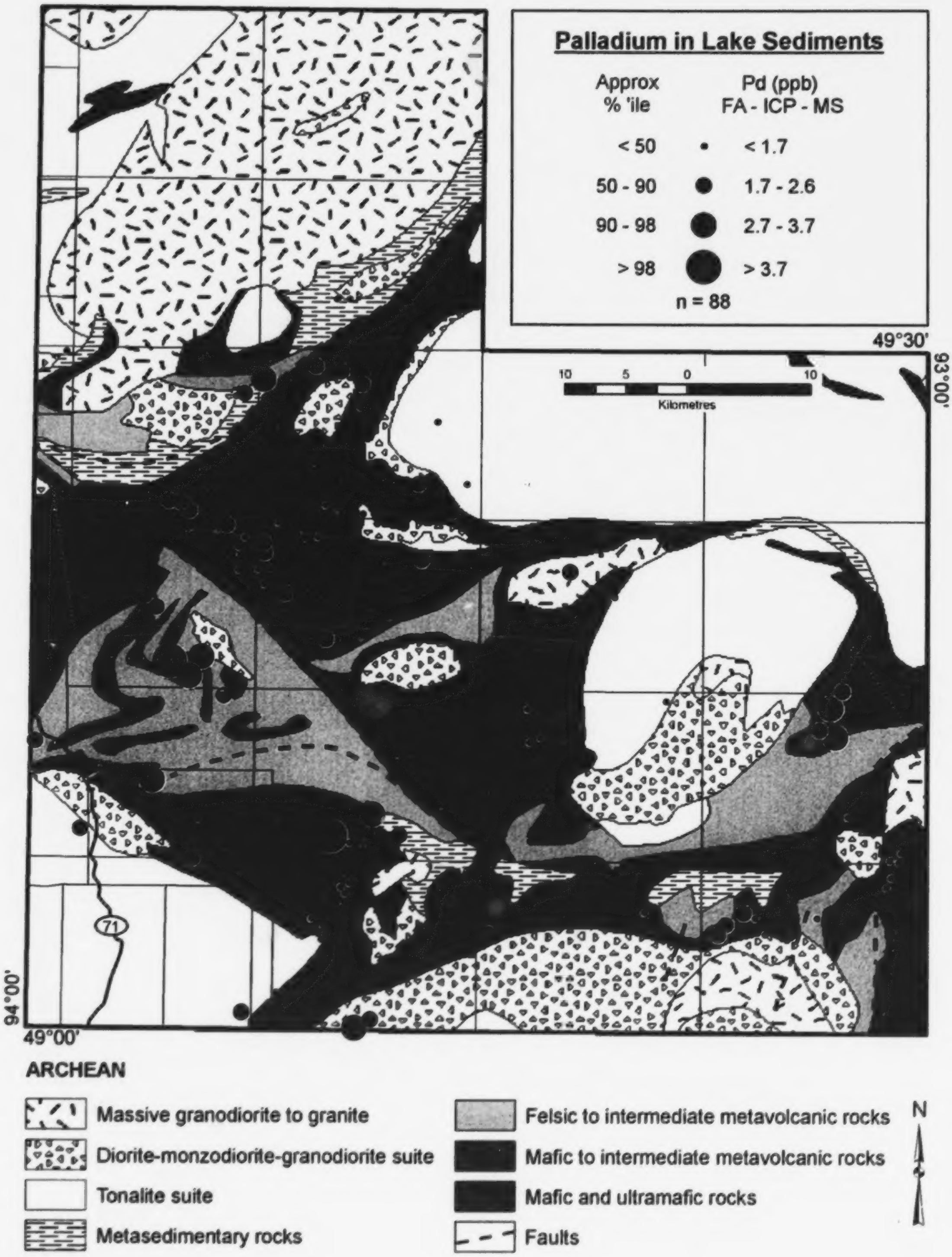
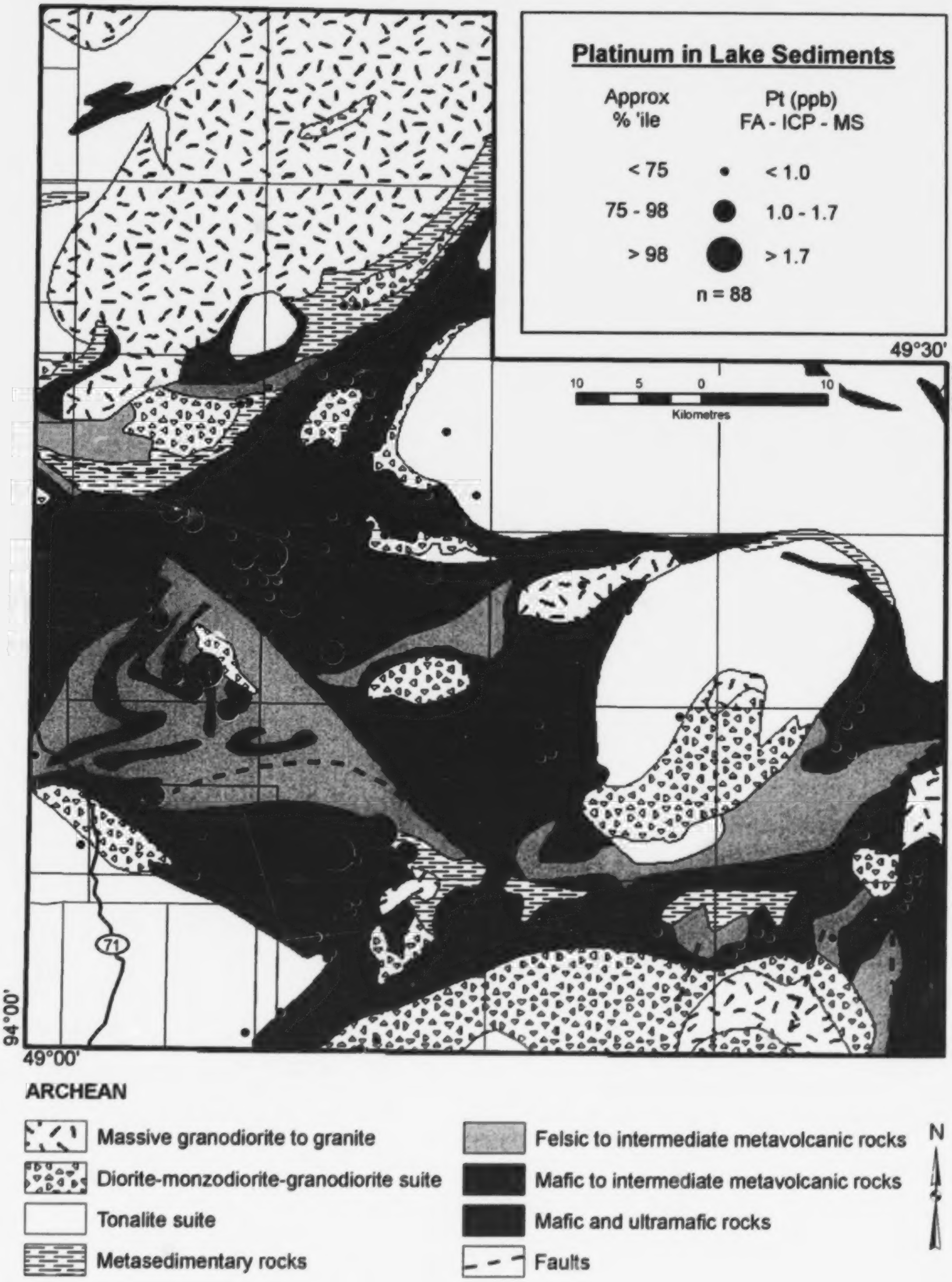
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Palladium in Lake Sediments
Approx % 'ile
Pd (ppb) FA - ICP - MS
< 50 • < 1.7
50 - 90 ● 1.7 - 2.6
90 - 98 ● 2.7 - 3.7
> 98 ● > 3.7
n = 88
49°30'
93°00'
10
5
0
10
Kilometres
71
94°00'
49°00'
ARCHEAN
Massive granodiorite to granite
Diorite-monzodiorite-granodiorite suite
Tonalite suite
Metasedimentary rocks
Felsic to intermediate metavolcanic rocks
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Platinum in Lake Sediments
Approx % 'ile
Pt (ppb) FA - ICP - MS
< 75 • < 1.0
75 - 98 ● 1.0 - 1.7
> 98 ● > 1.7
n = 88
49°30'
93°00'
10
5
0
10
Kilometres
71
94°00'
49°00'
ARCHEAN
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Metasedimentary rocks
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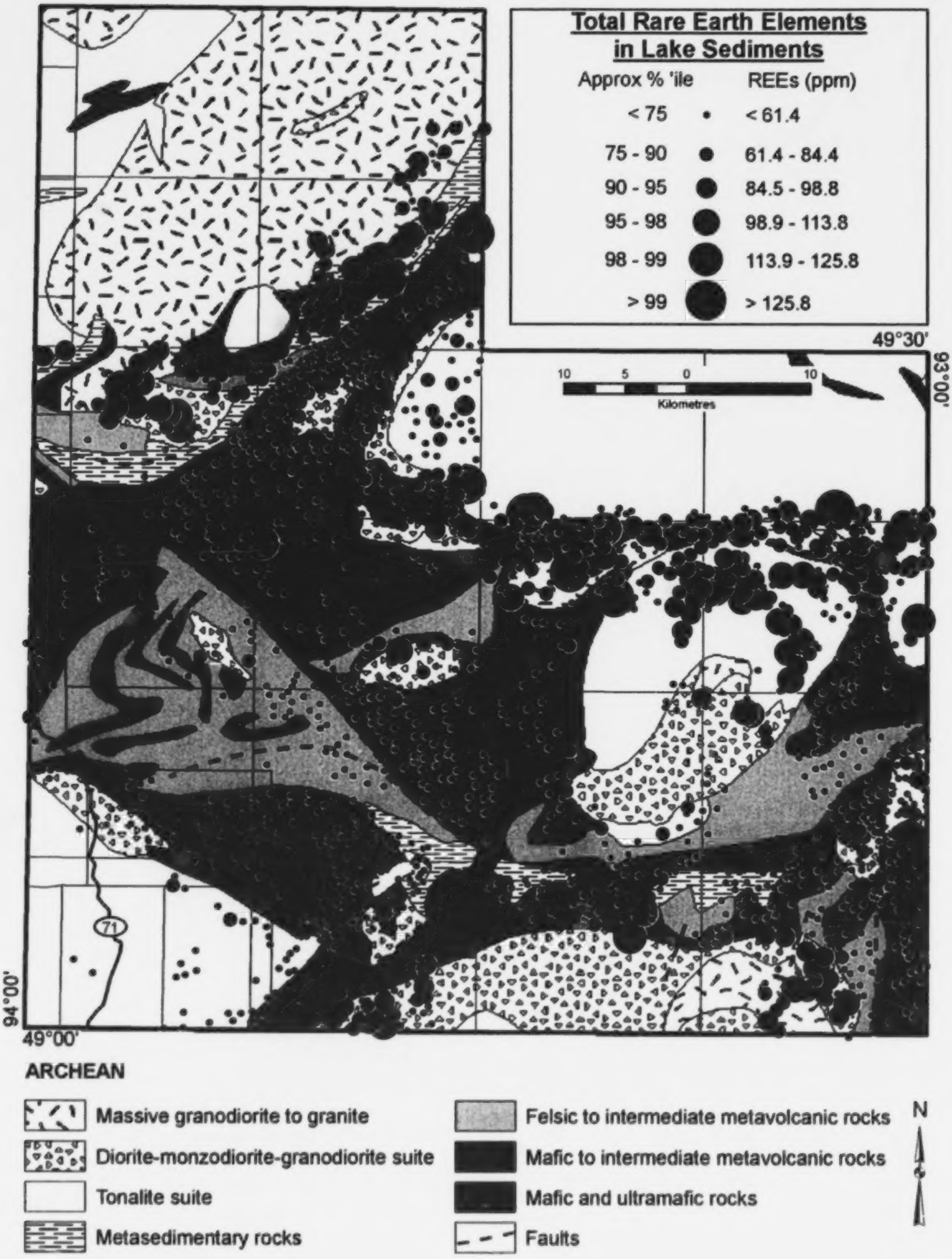
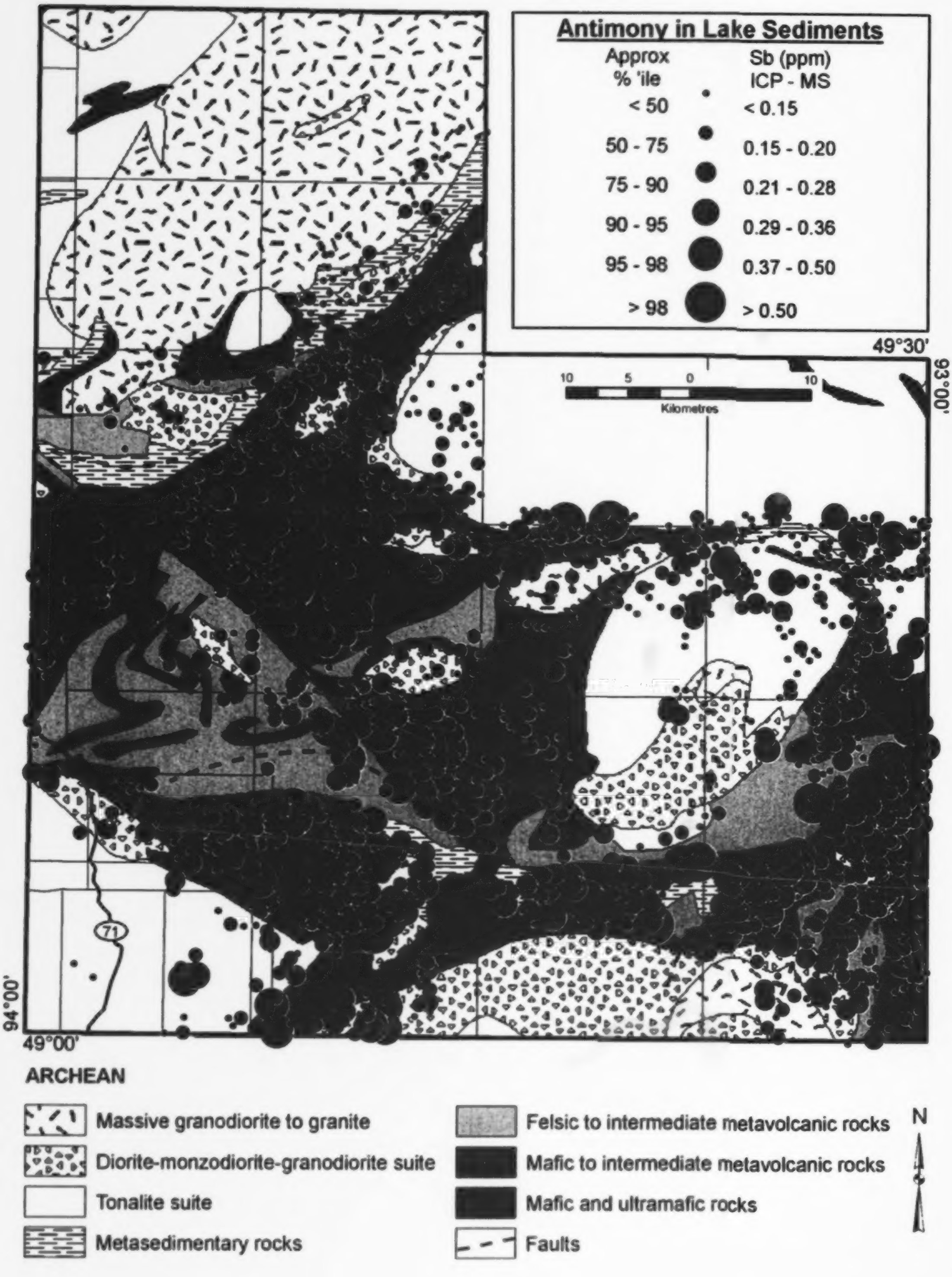
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Total Rare Earth Elements
in Lake Sediments
Approx % 'ile
REEs (ppm)
< 75
< 61.4
75 - 90
61.4 - 84.4
90 - 95
84.5 - 98.8
95 - 98
98.9 - 113.8
98 - 99
113.9 - 125.8
> 99
> 125.8
49°30'
93°00'
10
5
0
10
Kilometres
71
94°00'
49°00'
ARCHEAN
Massive granodiorite to granite
Diorite-monzodiorite-granodiorite suite
Tonalite suite
Metasedimentary rocks
Felsic to intermediate metavolcanic rocks
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Antimony in Lake Sediments
Approx % 'ile
Sb (ppm) ICP - MS
< 50 < 0.15
50 - 75 0.15 - 0.20
75 - 90 0.21 - 0.28
90 - 95 0.29 - 0.36
95 - 98 0.37 - 0.50
> 98 > 0.50
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
ARCHEAN
Massive granodiorite to granite
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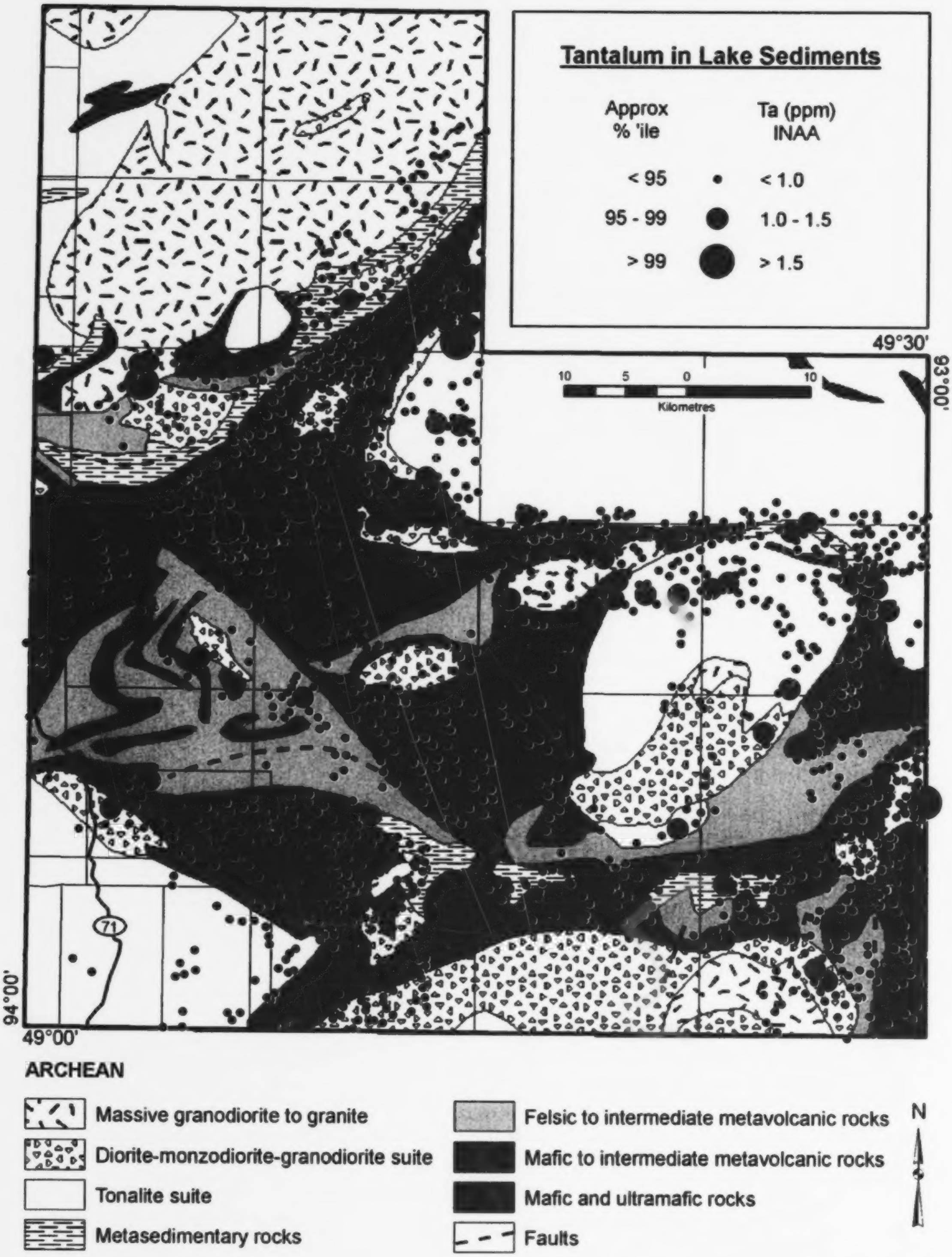
Tonalite suite
Metasedimentary rocks
Felsic to intermediate metavolcanic rocks
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Tantalum in Lake Sediments
Approx % 'ile
Ta (ppm) INAA
< 95 • < 1.0
95 - 99 ● 1.0 - 1.5
> 99 ● > 1.5
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
ARCHEAN
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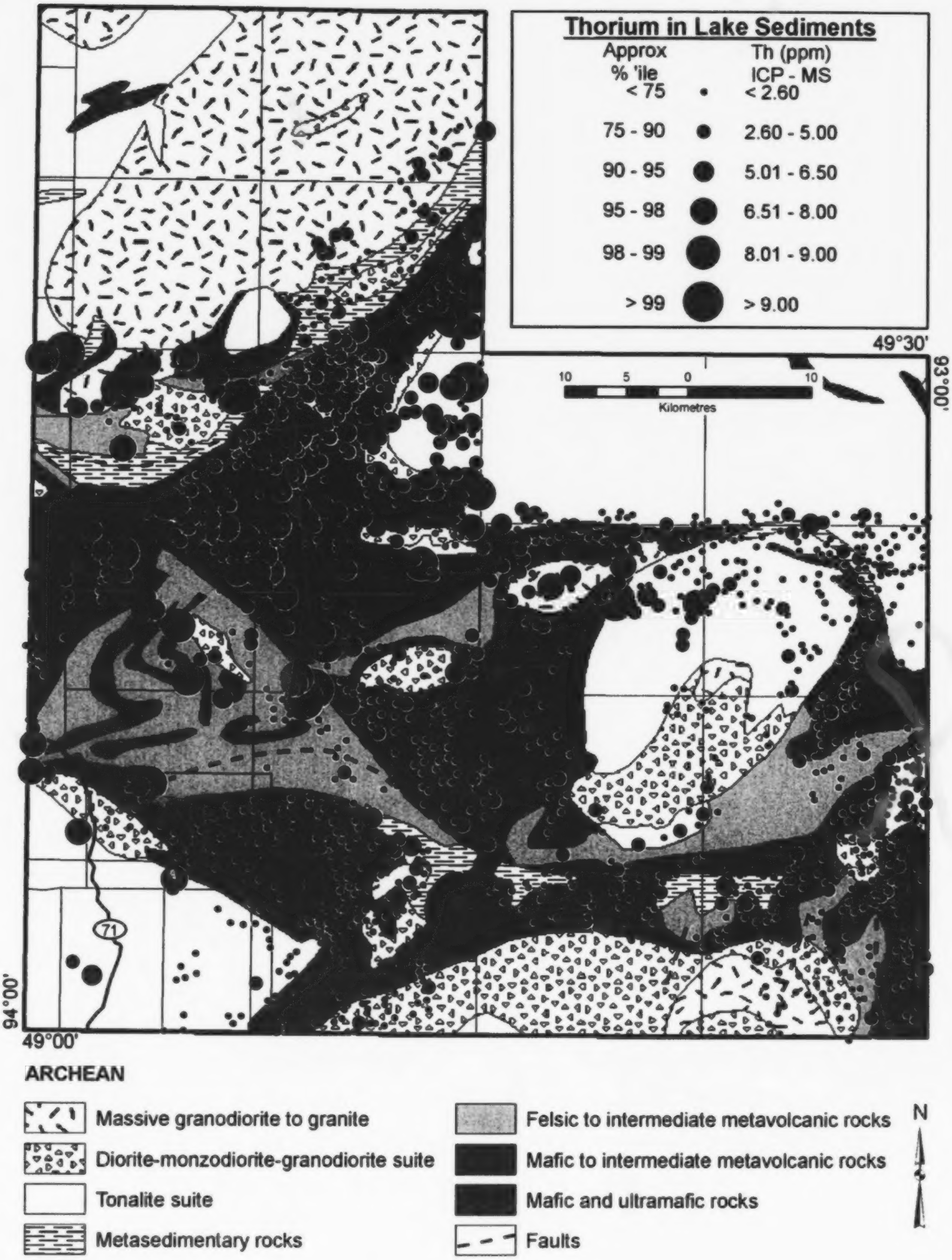
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Thorium in Lake Sediments
Approx % 'ile
Th (ppm) ICP - MS
< 75 • < 2.60
75 - 90 ● 2.60 - 5.00
90 - 95 ● 5.01 - 6.50
95 - 98 ● 6.51 - 8.00
98 - 99 ● 8.01 - 9.00
> 99 ● > 9.00
49°30'
93°00'
10
5
0
10
Kilometres
71
94°00'
49°00'
ARCHEAN
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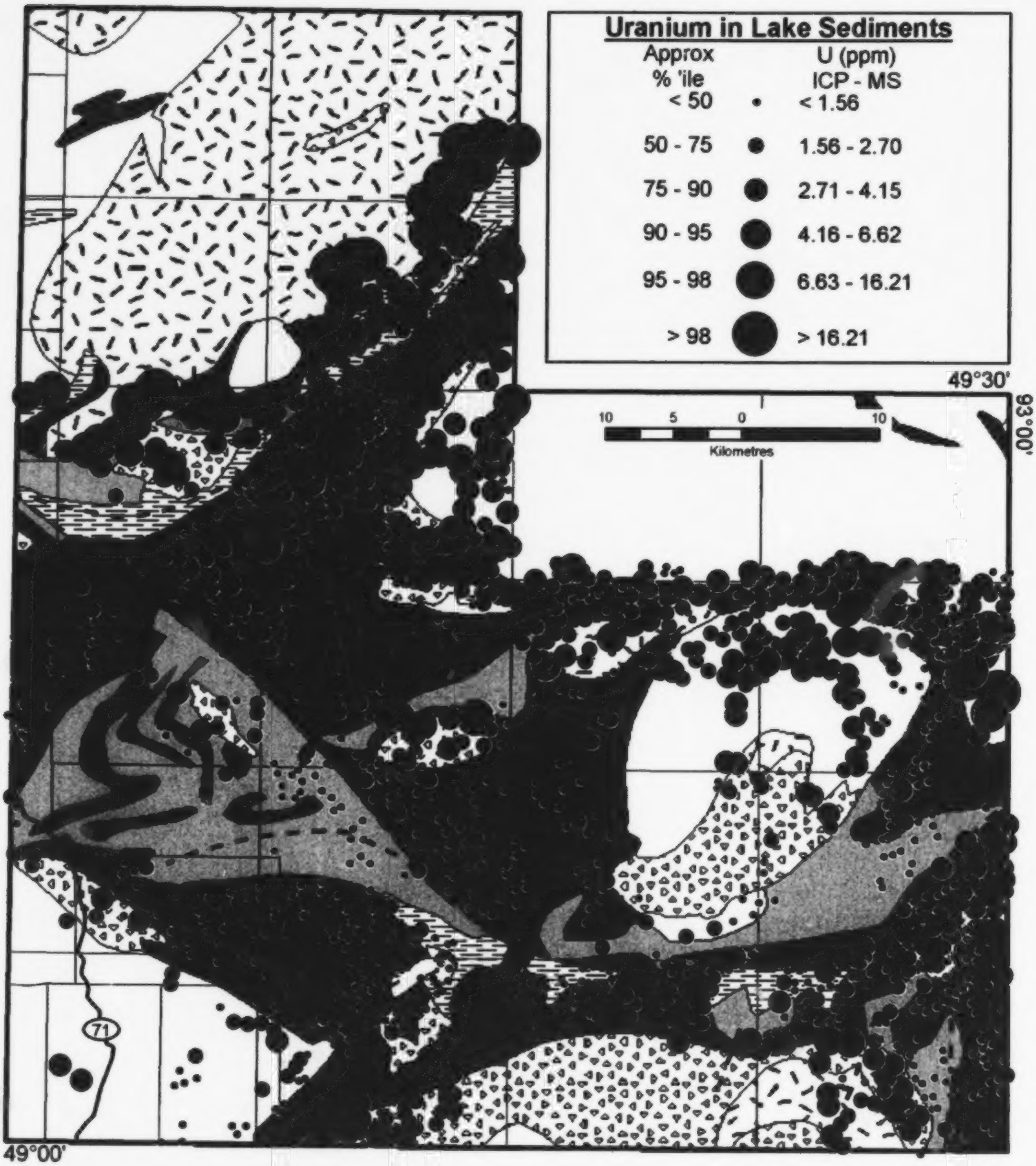
Mafic to intermediate metavolcanic rocks
Mafic and ultramafic rocks
Faults
N


Uranium in Lake Sediments
Approx % 'ile
U (ppm) ICP - MS
< 50 • < 1.56
50 - 75 • 1.56 - 2.70
75 - 90 • 2.71 - 4.15
90 - 95 • 4.16 - 6.62
95 - 98 • 6.63 - 16.21
> 98 • > 16.21
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
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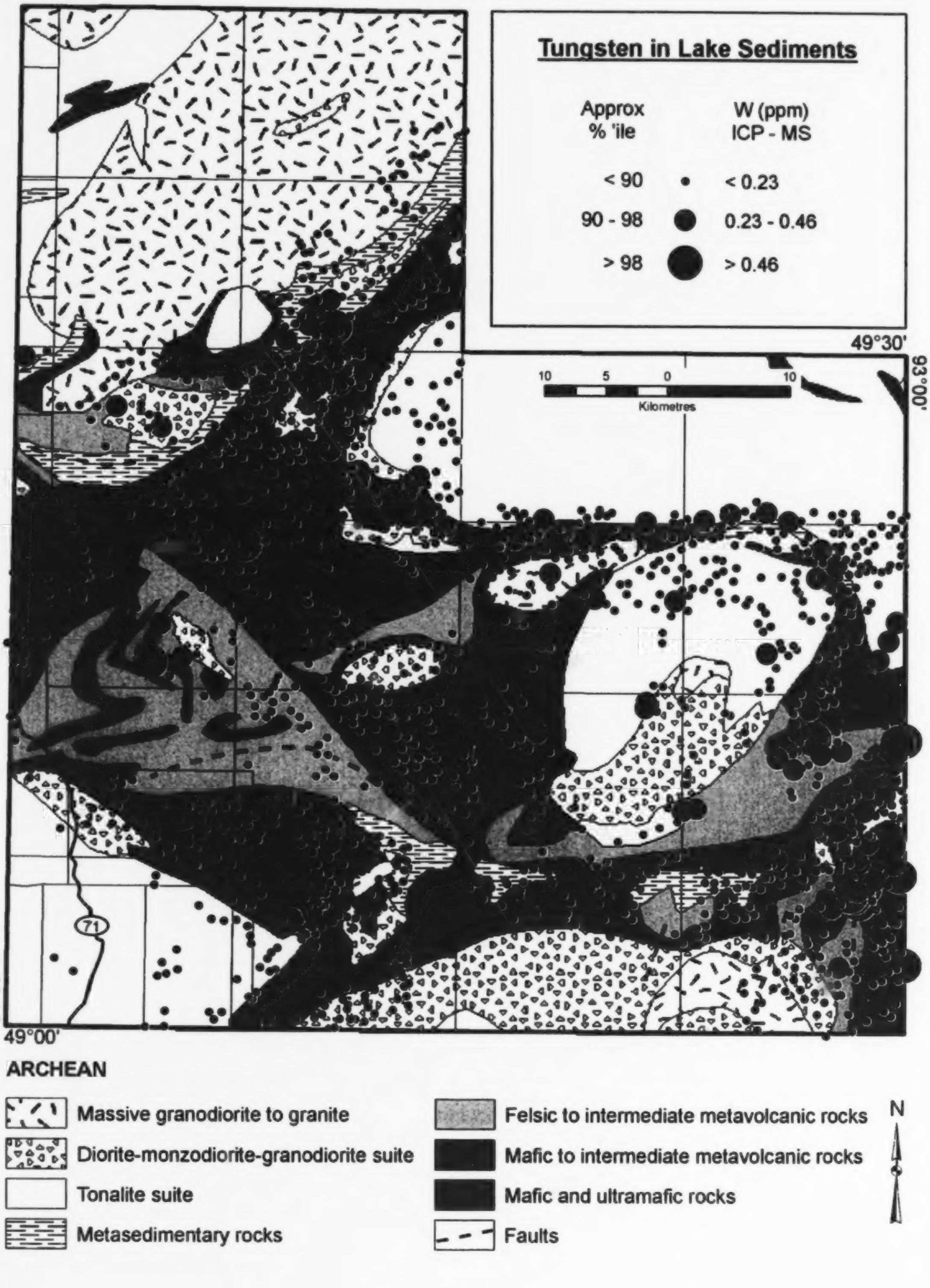
Tungsten in Lake Sediments
Approx % 'ile
W (ppm) ICP - MS
< 90 • < 0.23
90 - 98 ● 0.23 - 0.46
> 98 ● > 0.46
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
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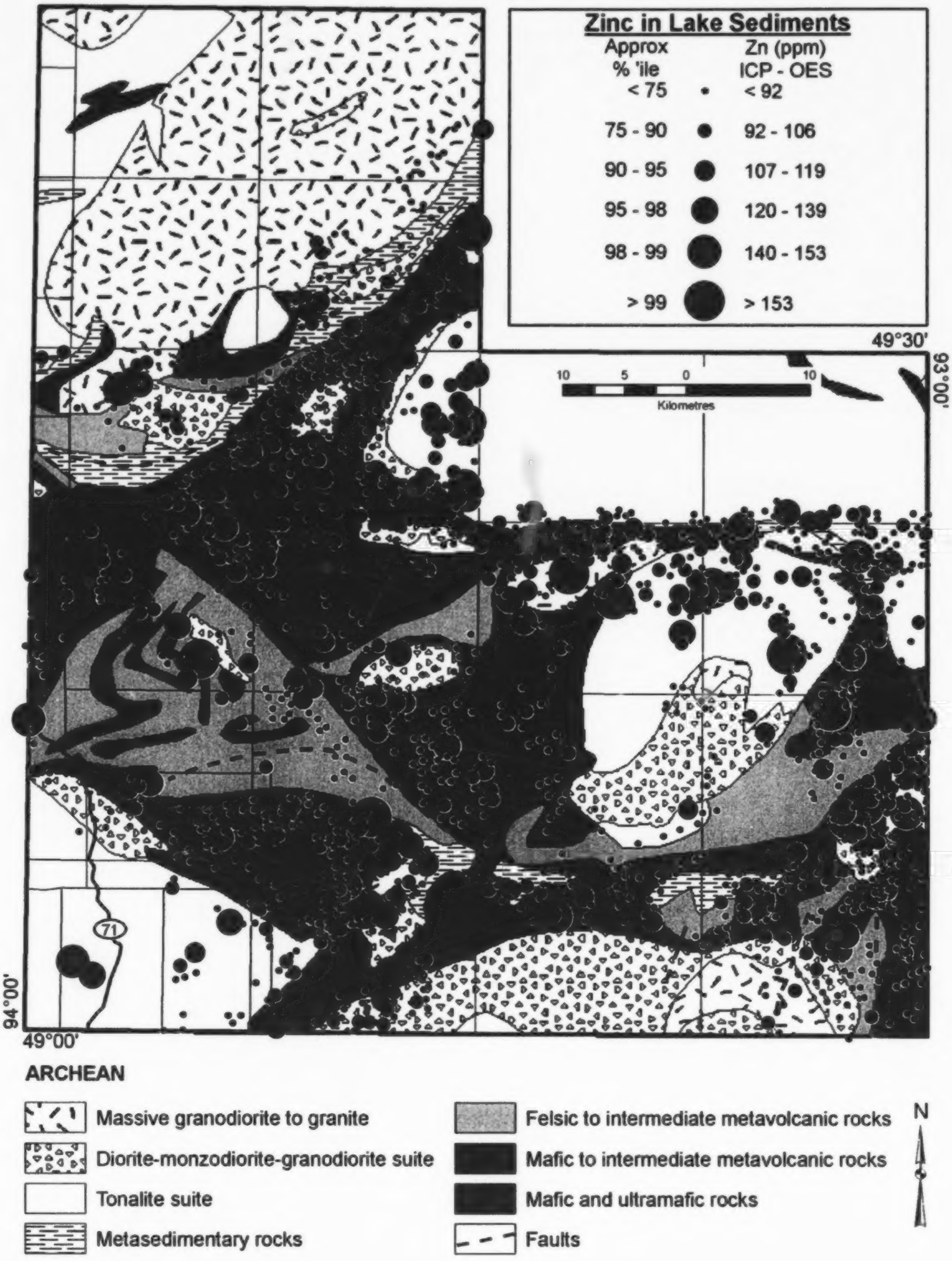
Faults
N


Zinc in Lake Sediments
Approx % 'ile
Zn (ppm) ICP - OES
< 75 ● < 92
75 - 90 ● 92 - 106
90 - 95 ● 107 - 119
95 - 98 ● 120 - 139
98 - 99 ● 140 - 153
> 99 ● > 153
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
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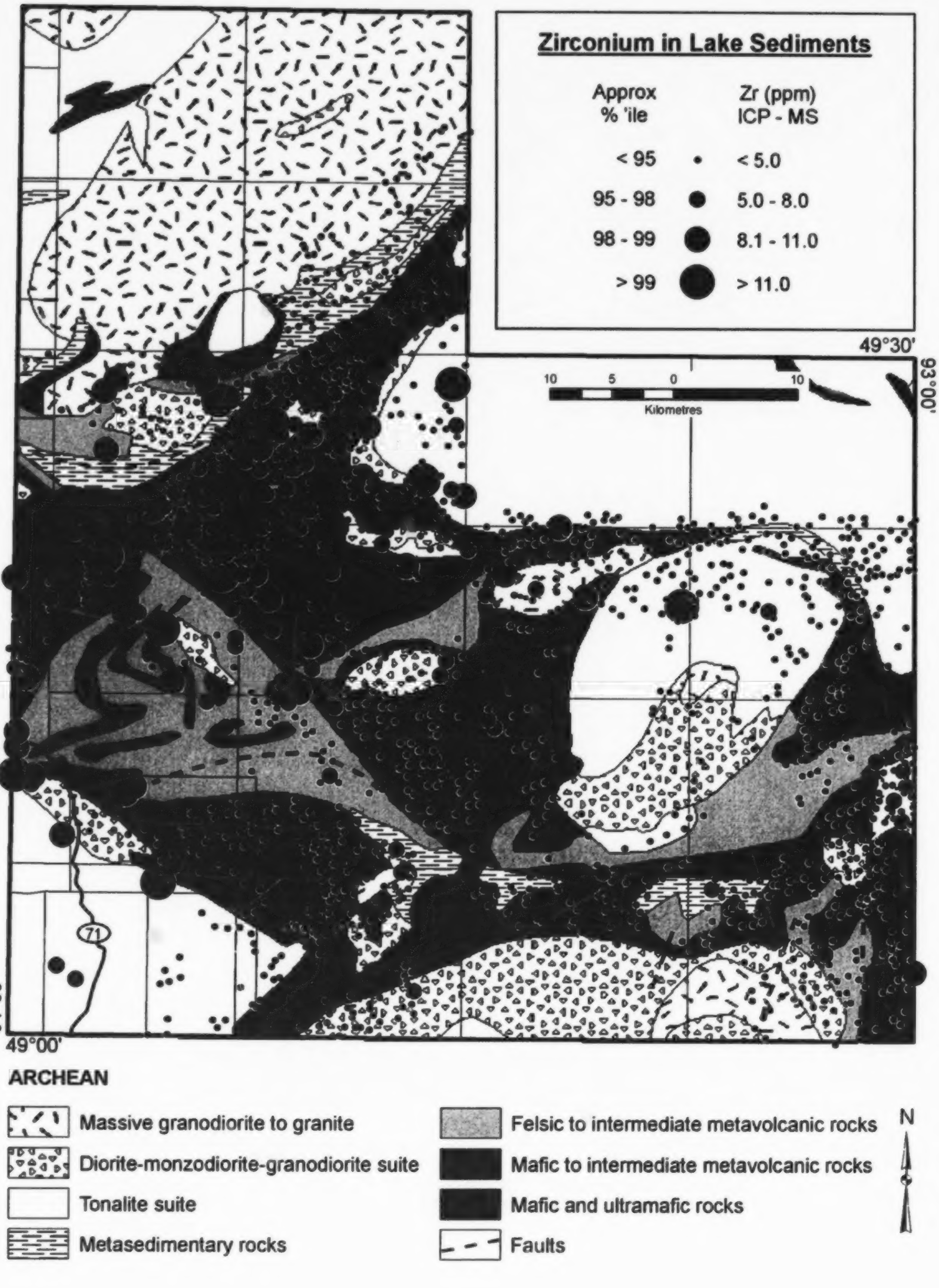
Zirconium in Lake Sediments
Approx % 'ile
Zr (ppm) ICP - MS
< 95 • < 5.0
95 - 98 ● 5.0 - 8.0
98 - 99 ● 8.1 - 11.0
> 99 ● > 11.0
49°30'
93°00'
10 5 0 10
Kilometres
71
94°00'
49°00'
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N

Appendix 3

Lake Sediment Data for Lake Depth, LOI, Ag, As, Au, Cd, Co, Cr, Cu, Fe, Mo, Ni, Pb, total REEs, Sb, Th, U and Zn

Notes

Universal Transverse Mercator (metres easting and northing) co-ordinates are provided in North American Datum 1983 (NAD83), Zone 15.

Grav = Automated gravimetric method
INAA = Instrumental neutron activation analysis
INF = Insufficient sample for analysis
MS = [Inductively coupled plasma] mass spectrometry
N/A = Not available
NM = Not measured
NS = No sample
OES = [Inductively coupled plasma] optical emission spectrometry
QC = Quality control problem – data removed
Det Limit = Detection limit of analytical method
MRD = Data can be found in Miscellaneous Release—Data 201 (MRD 201)

The maximum value for Fe (OES) is the upper detection limit for the method.

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
1	431861	5475822	7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2	428286	5482672	5	25.3	0.18	3.7	<2	0.46	16	40.2	35.4	25579	0.9	40	12.5	85	0.15	8.82	6.2	94
3	430090	5483138	7	27.7	0.14	4.0	<2	0.35	17	46.4	41.4	24949	0.7	49	11.6	84	0.14	9.46	7.3	104
4	433275	5481260	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
6	436041	5482056	6	23.9	0.22	3.2	<2	0.44	15	42.9	33.9	23352	1.3	33	11.8	93	0.12	7.25	23.1	98
7	436780	5482283	10	25.3	0.19	3.7	<2	0.45	15	45.9	35.1	24971	2.0	35	11.6	98	0.12	7.00	24.5	104
8	437679	5483145	18	45.4	0.23	4.7	<2	0.59	18	47.0	44.4	26092	15.3	31	14.7	94	0.19	2.55	16.4	90
9	438131	5483595	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10	439451	5482504	2	46.2	0.21	2.6	<2	0.38	11	39.5	29.6	9427	3.0	32	6.0	63	0.12	0.07	2.7	52
11	439748	5482745	6	10.8	0.04	3.2	<2	0.17	12	33.8	17.6	14819	2.8	21	5.2	44	0.10	6.75	2.0	42
12	442756	5481103	10	46.8	0.08	3.4	<2	0.31	10	28.2	47.0	13698	4.6	31	4.3	81	0.14	4.86	4.4	58
13	445587	5482195	8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
14	447464	5483215	39	28.0	0.18	7.9	<2	0.51	26	51.8	60.9	30932	5.0	43	16.9	96	0.30	3.00	3.2	94
16	453063	5487422	15	42.6	0.24	3.0	<2	0.42	7	41.2	151.4	16152	5.8	25	5.7	141	0.11	1.53	5.2	80
17	452016	5487403	11	43.9	0.23	3.2	<2	0.51	8	37.8	137.4	19827	5.8	25	6.4	145	0.13	1.85	5.0	80
18	458126	5492610	11	28.0	0.12	2.5	<2	0.41	11	38.7	36.3	17232	3.3	25	8.1	102	0.12	3.69	4.9	64
19	458735	5493148	7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
20	459034	5497693	13	19.4	0.09	2.0	<2	0.34	11	34.0	22.9	19870	1.0	25	7.9	53	0.09	2.89	17.4	80
21	464025	5501278	7	24.7	0.10	4.9	<2	0.52	17	41.3	28.4	44546	5.4	32	9.1	79	0.10	5.73	37.6	119
22	461704	5501349	7	39.6	0.39	2.4	<2	0.33	12	28.4	21.5	17785	1.2	22	8.1	70	0.10	2.25	20.3	61
23	461952	5501646	2	38.3	0.08	1.7	15	0.25	3	14.3	14.2	4199	1.1	13	6.1	40	0.07	0.20	19.6	23
24	459810	5501293	13	59.8	0.18	3.6	<2	0.54	16	29.1	50.4	33444	3.1	24	8.2	83	0.10	2.49	40.7	81
26	459792	5499258	4	32.9	0.09	2.2	<2	0.39	11	26.7	23.4	13643	1.2	23	8.9	53	0.07	1.83	85.0	62
27	460406	5499106	6	54.9	0.11	2.4	<2	0.43	11	21.2	20.0	8279	1.4	17	6.8	41	0.12	0.17	13.6	58
28	460824	5499412	18	47.8	0.23	4.5	<2	0.52	25	28.3	36.9	34096	3.5	21	10.0	62	0.14	2.97	28.2	78
29	450540	5492081	10	28.0	0.17	2.9	<2	0.42	15	38.1	25.4	23057	0.8	29	9.2	84	0.10	3.14	42.2	99
30	433624	5479275	3	45.9	0.10	4.5	<2	0.39	8	27.8	45.1	12046	2.9	36	6.7	56	0.15	3.33	6.7	60
31	432735	5478707	3	39.6	0.11	3.9	<2	0.44	12	30.4	60.7	13232	3.0	39	5.6	70	0.11	2.75	7.3	79
32	442038	5479253	7	49.3	0.11	2.2	<2	0.49	8	24.4	45.7	10413	2.4	17	4.6	62	0.10	0.66	3.1	78
33	442179	5480161	3	37.2	0.12	2.9	<2	0.47	15	45.0	53.3	21004	1.4	47	7.5	65	0.09	5.16	2.6	91
34	443839	5479441	3	24.4	0.11	4.1	<2	0.36	19	47.2	49.9	28677	1.4	48	8.3	68	0.08	8.61	2.6	97
36	444566	5479636	NM	27.8	0.12	3.3	<2	0.38	19	51.2	56.4	24819	1.3	48	8.7	73	0.10	8.34	2.7	94
37	445261	5480833	3	52.9	0.11	2.1	<2	0.54	15	32.5	39.6	9808	1.3	44	7.5	79	0.08	0.25	1.6	86
38	449938	5477445	10	13.0	0.06	3.0	<2	0.18	12	30.3	24.7	17036	1.4	25	6.0	36	0.07	6.79	4.1	54
39	451419	5477382	3	50.6	0.07	2.2	<2	0.32	8	26.7	55.6	10876	2.7	29	4.9	24	0.11	2.87	2.6	51
40	451187	5476628	3	56.4	0.10	3.1	<2	0.44	11	36.9	83.7	13222	3.1	54	5.8	48	0.13	4.98	3.3	75
41	451607	5476206	13	25.8	0.12	3.6	<2	0.32	13	44.7	50.1	23290	0.8	35	9.5	49	0.14	4.16	2.9	83
42	452880	5476648	9	22.1	0.11	2.3	<2	0.28	15	45.2	52.1	22552	0.9	39	7.3	59	0.08	5.16	3.3	91
43	453093	5475056	18	25.3	0.19	3.5	<2	0.38	13	48.9	70.1	22797	1.4	36	9.7	59	0.12	3.65	3.4	89
44	453688	5476152	13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
46	454633	5476698	6	13.5	0.09	2.1	6	0.25	14	40.6	39.4	20666	0.7	32	7.4	47	0.08	6.99	2.3	73
47	454308	5477407	4	22.3	0.14	2.2	<2	0.37	15	48.5	51.9	23638	1.0	44	8.5	54	0.09	7.00	3.0	92
48	454523	5478134	4	31.0	0.11	3.1	16	0.37	13	33.8	50.8	18139	2.1	36	6.4	51	0.13	6.45	2.8	71
49	453912	5478486	14	52.6	0.21	2.7	4	0.63	12	15.7	132.4	20962	2.9	27	4.2	47	0.11	1.01	1.1	98
50	455457	5478376	5	69.4	0.08	2.2	<2	0.60	8	16.2	29.5	7087	5.6	16	3.5	40	0.14	0.03	2.4	64
51	456248	5478799	7	53.7	0.17	2.8	<2	0.46	32	23.8	41.0	28855	2.1	23	5.5	64	0.15	0.48	3.4	79
52	457640	5478244	15	13.8	0.10	4.2	<2	0.29	15	39.4	36.8	23219	1.5	34	8.7	59	0.11	4.92	3.5	89
53	458133	5479526	17	20.0	0.14	3.2	<2	0.25	11	45.1	46.7	23674	1.0	34	7.9	60	0.14	3.62	3.6	90
54	459499	5480751	16	12.7	0.13	4.5	<2	0.51	19	41.6	39.8	25711	1.5	40	12.7	70	0.13	6.05	4.1	102
56	461396	5482367	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
57	460850	5484321	8	6.7	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
58	460882	5485812	7	21.5	0.12	1.5	<2	0.24	13	41.7	33.4	21888	0.7	32	7.5	50	0.09	6.01	2.7	80
59	461427	5486074	7	17.5	0.15	3.2	<2	0.31	16	51.7	41.1	27095	0.8	40	9.4	61	0.11	9.09	3.2	99
60	462822	5486034	9	9.4	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
61	463300	5488060	5	50.3	0.19	1.9	<2	0.54	12	17.5	80.4	14023	2.1	19	4.1	46	0.09	0.12	1.2	78
62	462356	5488416	5	50.9	0.11	1.7	<2	0.38	11	21.1	74.1	9599	1.5	24	4.7	27	0.09	1.61	1.0	52
63	462810	5485374	10	11.4	0.23	2.9	<2	0.20	15	39.5	32.3	22250	0.9	32	7.5	51	0.09	6.78	3.0	82
64	463772	5483864	22	6.8	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
66	462832	5483557	33	9.1	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
67	461838	5483988	16	14.1	0.12	4.1	<2	0.40	16	40.9	40.4	23324	1.4	35	9.2	67	0.11	4.38	4.0	96
68	457976	5482558	5	29.3	0.13	2.9	<2	0.45	18	41.6	27.4	21665	1.1	34	7.6	55	0.09	2.25	2.9	113
69	449075	5477748	14	25.6	0.13	3.4	<2	0.37	15	50.9	56.7	25627	4.9	40	9.8	73	0.15	8.35	13.0	101
70	448091	5477538	9	14.7	0.11	10.0	5	0.32	18	52.1	55.1	28388	3.0	44	10.7	57	0.15	11.35	7.1	93
71	447583	5478176	8	40.0	0.14	2.6	<2	0.42	13	38.6	65.0	18007	3.3	35	8.7	65	0.14	4.01	14.2	81
72	438179	5475042	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
73	433657	5477506	3	57.9	0.15	3.3	<2	0.60	10	26.2	55.8	30132	2.1	21	4.9	97	0.17	0.69	2.7	90
74	434119	5478617	7	64.4	0.15	2.9	<2	0.37	12	26.6	79.7	13370	8.2	29	5.5	102	0.11	1.07	2.7	57
76	434659	5480115	5	24.6	0.21	4.6	<2	0.56	20	56.8	66.9	28086	1.6	46	10.1	118	0.12	11.28	6.3	144
77	435592	5481084	5	21.8	0.16	4.4	<2	0.47	23	43.2	44.8	26476	1.6	40	8.4	89	0.09	9.96	5.8	117
78	436256	5480543	9	25.7	0.20	3.7	<2	0.55	21	50.6	52.0	28350	1.9	39	8.7	105	0.12	6.96	4.9	130
79	438879	5482171	3	48.4	0.08	1.7	<2	0.51	4	9.3	41.6	3475	4.3	10	5.4	31	0.11	0.04	2.4	40
80	440395	5481064	4	63.2	0.13	2.4	<2	0.33	10	25.2	47.9	18654	3.8	18	4.9	73	0.15	2.30	4.1	73
81	441468	5480782	2	34.7	0.11	3.7	<2	0.36	13	30.0	37.1	18553	1.5	36	8.3	55	0.14	2.40	2.4	78
82	446087	5480768	12	53.5	0.20	2.7	4	0.69	16	28.1	126.5	11448	4.7	34	7.0	72	0.21	0.13	2.8	81
83	446683	5481506	3	54.2	0.10	2.1	<2	0.42	6	14.7	47.2	3350	1.4	30	2.6	64	0.10	0.18	2.2	63
84	447957	5482177	9	59.3	0.18	2.4	5	0.44	8	22.3	95.7	8428	4.6	24	4.8	61	0.14	0.33	1.9	64
86	448277	5482286	5	63.3	0.16	2.0	4	0.49	10	21.2	118.5	20056	4.2	23	3.0	43	0.11	1.53	1.6	88

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
87	447976	5484651	32	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
88	449501	5484120	18	31.6	0.12	2.5	<2	0.28	12	46.8	51.9	19360	1.6	37	7.3	77	0.11	3.04	2.9	83
89	449360	5485184	18	33.6	0.15	3.6	<2	0.56	17	39.4	46.4	19676	7.3	34	10.9	80	0.24	2.15	2.7	91
90	450199	5485450	6	34.7	0.15	2.8	<2	0.35	20	34.5	46.6	24146	2.9	35	10.1	85	0.13	2.01	2.2	94
91	450694	5486104	2	32.8	0.10	2.5	<2	0.30	13	36.3	41.9	15300	3.4	40	6.8	84	0.09	1.26	2.6	68
92	450801	5487258	3	40.5	0.11	4.9	<2	0.56	17	34.6	61.4	76611	5.4	39	5.3	121	0.13	4.90	4.0	111
93	449819	5486506	7	33.7	0.09	3.8	<2	0.50	13	29.9	31.4	34263	3.7	29	6.5	75	0.13	1.79	3.9	107
94	448220	5487588	13	37.1	0.19	4.1	<2	0.40	19	36.8	35.9	28149	1.8	33	13.2	74	0.18	1.88	3.1	94
96	448866	5487246	5	34.4	0.21	2.7	<2	0.39	14	38.5	32.0	18676	1.2	27	10.3	67	0.12	1.76	2.9	84
97	449214	5487592	7	30.8	0.13	3.2	<2	0.45	14	38.6	34.1	18690	1.9	30	6.0	77	0.12	1.88	4.3	103
98	449710	5487665	7	42.3	0.19	3.6	<2	0.54	34	40.5	38.5	30015	2.7	32	9.1	95	0.15	1.96	4.5	105
99	451340	5488177	5	43.9	0.10	2.4	<2	0.47	12	30.5	44.2	14406	1.7	26	4.4	109	0.09	0.66	3.9	67
100	450783	5489153	7	44.7	0.16	3.0	<2	0.38	14	31.0	30.8	19990	3.1	22	10.3	77	0.13	0.77	2.9	71
101	451579	5489311	4	40.6	0.12	2.1	<2	0.43	8	28.2	28.0	11675	1.9	23	7.0	58	0.10	0.50	3.2	62
102	451176	5490242	8	48.6	0.14	3.1	<2	0.42	30	31.4	32.1	29067	2.0	32	7.2	80	0.13	0.94	4.8	83
103	450959	5491244	13	25.5	0.10	2.8	<2	0.34	11	43.9	32.3	20368	0.9	32	8.6	61	0.11	4.06	12.0	93
104	451407	5491344	25	29.8	0.11	3.5	<2	0.45	10	39.2	35.4	19368	0.9	31	9.1	63	0.14	3.55	14.7	82
106	450697	5491817	4	28.4	0.13	2.8	<2	0.42	14	36.2	22.3	21966	0.8	27	9.8	83	0.08	2.72	39.7	91
107	451963	5492792	4	19.8	0.05	1.7	<2	0.24	8	19.2	12.5	11396	0.8	13	6.4	40	0.08	2.76	27.6	43
108	452873	5492866	3	26.5	0.06	2.3	<2	0.36	9	27.4	17.2	12157	1.0	19	8.2	60	0.10	4.95	44.0	58
109	454543	5491428	5	45.9	0.09	3.3	<2	0.52	11	25.6	26.2	19363	2.1	22	5.8	44	0.16	0.40	3.3	75
110	453509	5489802	12	50.4	0.19	3.9	<2	0.43	32	29.6	31.1	37190	4.5	21	10.9	105	0.14	1.07	4.1	72
111	453372	5490240	1	37.3	0.07	2.3	<2	0.50	7	20.4	18.7	7834	1.4	18	5.4	50	0.09	0.49	3.3	47
112	452491	5489855	2	39.8	0.08	1.9	<2	0.40	7	21.6	24.7	6710	2.4	17	4.3	47	0.09	0.24	3.4	48
113	451181	5485889	11	39.6	0.16	3.5	<2	0.36	23	35.7	58.3	28826	7.7	41	10.0	107	0.17	1.87	2.5	92
114	451827	5486220	3	36.9	0.12	2.5	<2	0.56	16	32.7	48.6	16823	2.4	45	5.3	85	0.08	1.99	2.7	85
116	452245	5486497	2	44.6	0.10	3.2	<2	0.43	16	19.6	43.2	13985	5.5	40	3.6	69	0.12	3.64	3.4	86
117	437704	5478404	4	53.6	0.14	2.1	<2	0.43	12	32.6	57.3	11225	3.1	24	5.0	101	0.14	0.22	5.2	71
118	437686	5478835	8	59.0	0.10	3.5	<2	0.52	8	25.1	45.0	14681	3.6	18	5.9	60	0.19	0.33	3.6	78
119	438366	5477947	18	47.7	0.21	4.1	<2	0.65	11	27.7	46.9	24303	3.8	19	8.3	103	0.16	0.67	4.2	104
120	439361	5476919	19	55.1	0.18	4.5	<2	0.44	44	29.5	37.9	81935	5.5	22	7.2	116	0.13	2.90	3.6	96
121	439098	5477839	15	51.7	0.15	5.0	<2	0.56	23	30.6	41.8	40572	6.7	19	9.3	115	0.18	1.31	3.5	105
122	438289	5476822	3	46.4	0.06	2.5	<2	0.41	8	19.0	40.4	6882	1.8	20	4.3	70	0.11	0.40	3.9	66
123	447459	5479809	4	70.1	0.13	3.3	5	0.48	12	24.3	165.0	12492	42.9	37	4.0	30	0.28	2.40	3.0	73
124	447424	5480348	5	61.8	0.10	2.5	4	0.30	8	26.6	85.1	11620	7.5	33	4.1	30	0.10	3.30	1.4	54
126	449017	5482072	6	44.8	0.13	2.7	<2	0.36	12	30.9	81.8	15804	1.4	34	5.9	44	0.10	3.71	1.7	63
127	457408	5491788	8	35.4	0.12	2.5	<2	0.41	13	33.6	33.8	18866	3.2	27	7.4	113	0.13	1.99	4.8	63
128	459370	5493293	5	8.4	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
129	459836	5494096	14	32.3	0.14	2.9	<2	0.52	14	37.3	33.5	20687	4.0	24	13.8	105	0.20	2.72	4.7	80
130	460602	5494810	4	53.9	0.13	2.6	<2	0.53	4	18.5	40.3	9067	9.6	15	4.7	81	0.09	0.09	3.3	63
131	459094	5494725	8	22.4	0.05	1.7	<2	0.26	13	30.0	16.7	18380	1.4	22	4.9	48	0.07	2.63	2.8	64
132	459197	5495169	21	45.3	0.16	4.0	<2	0.48	21	34.6	36.6	36844	3.3	25	13.0	64	0.15	1.73	4.3	70
133	458172	5495407	4	36.8	0.09	2.9	<2	0.35	9	26.1	22.5	18569	0.9	21	8.6	50	0.12	1.90	8.0	59
134	460184	5498334	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
136	457683	5496537	4	37.3	0.08	2.3	<2	0.44	8	23.0	17.8	15615	0.9	18	6.2	59	0.09	1.15	9.4	59
137	457218	5497195	3	31.2	0.07	1.6	<2	0.38	8	19.2	15.1	15871	0.7	17	5.5	73	0.07	1.90	13.2	61
138	458127	5497518	10	35.1	0.08	2.7	<2	0.44	9	27.2	21.6	22878	1.3	20	6.5	63	0.10	1.96	17.4	70
139	458679	5498592	4	51.9	0.08	3.5	<2	0.83	12	22.5	23.5	17070	1.6	31	9.4	95	0.16	3.18	27.0	75
140	462513	5493169	5	74.9	0.06	INF	INF	0.59	INF	15.0	16.7	9857	4.2	16	3.1	84	0.13	0.92	7.2	86
141	463089	5493062	12	42.4	0.32	3.2	<2	1.12	13	41.5	49.0	29142	5.8	30	14.9	422	0.20	5.64	9.5	179
142	463168	5492735	1	43.1	0.19	2.3	4	0.80	4	18.6	29.0	6402	3.8	11	9.8	134	0.15	0.26	7.4	39
143	462500	5490635	3	50.9	0.18	1.9	<2	0.44	7	16.1	49.7	10041	2.1	22	3.3	60	0.08	0.56	1.8	59
144	463692	5491355	1	81.7	0.06	0.9	<2	0.31	4	14.4	37.3	6419	4.4	15	2.0	23	0.07	1.31	1.3	54
146	459710	5487314	7	65.7	0.09	INF	INF	0.52	INF	13.4	76.6	10574	1.7	21	4.2	17	0.09	0.11	0.9	77
147	460496	5487765	3	63.8	0.10	2.1	<2	0.50	9	13.7	58.0	9295	1.4	18	3.0	19	0.10	0.22	0.8	84
148	460328	5488614	8	53.6	0.14	4.1	<2	0.60	16	39.0	80.6	15304	2.6	32	5.8	34	0.14	0.84	1.1	104
149	461466	5488451	7	60.0	0.12	3.3	<2	0.45	8	26.7	71.1	16996	1.2	27	8.4	26	0.14	0.49	1.1	70
150	461302	5489331	5	54.0	0.12	3.2	<2	0.62	22	131.6	83.1	19059	2.6	74	4.2	29	0.16	1.93	1.8	89
151	461611	5488993	7	51.7	0.11	2.4	<2	0.44	13	47.6	68.2	15472	1.1	36	4.4	26	0.10	1.01	1.1	85
152	460436	5487009	2	21.5	0.10	1.2	<2	0.22	13	38.2	32.8	14645	0.3	21	8.0	29	0.06	3.18	1.4	46
153	458000	5485914	5	60.5	0.10	2.6	<2	0.37	9	20.5	111.9	6978	3.3	26	2.7	29	0.15	1.35	1.9	60
154	458941	5486892	NM	69.5	0.08	1.6	<2	0.53	9	10.4	75.2	7760	1.5	18	3.1	15	0.08	0.60	0.6	104
156	457297	5485988	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
157	457723	5486493	NM	44.4	0.10	INF	INF	0.38	INF	46.6	52.7	13903	4.7	31	9.3	33	0.15	2.20	2.3	55
158	435702	5478624	NM	44.4	0.12	4.8	<2	0.44	10	27.6	39.2	27972	2.7	21	5.7	103	0.15	0.79	4.3	73
159	431137	5478598	NM	15.7	0.06	2.8	<2	0.26	13	41.1	17.4	23290	0.3	25	13.6	24	0.11	6.34	3.8	87
160	431277	5478739	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
161	445712	5479102	5	73.6	0.09	INF	INF	0.43	INF	17.5	67.7	9762	5.6	23	4.3	17	0.10	0.70	0.7	52
162	446420	5477925	10	39.7	0.10	4.1	<2	0.39	13	34.7	70.0	16319	2.0	35	9.9	38	0.23	3.62	2.0	68
163	446900	5479115	21	35.0	0.20	3.8	<2	0.39	11	33.6	65.8	20566	2.0	34	9.8	46	0.15	4.42	2.1	72
164	447942	5480698	1	58.1	0.06	1.8	<2	0.30	6	21.0	48.3	9692	1.6	21	5.1	29	0.10	2.24	1.3	44
166	448251	5481126	2	61.8	0.09	2.1	<2	0.32	7	19.0	59.3	6834	1.5	23	3.7	24	0.10	1.40	1.2	46
167	449649	5482581	3	71.9	0.11	2.1	4	0.39	8	16.5	98.4	4978	3.3	27	2.7	23	0.14	1.21	1.3	60
168	450380	5483527	2	63.7	0.10	2.2	<2	0.38	5	15.2	60.2	4745	2.3	16	3.4	54	0.11	0.49	2.4	44
169	451350	5485340	9	43.5	0.20	2.8	<2	0.53	20	41.1	88.4	15346	1.3	42	6.5	105	0.14	1.00	2.6	92
170	453570	5486261	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
171	454007	5487677	6	66.4	0.13	2.0	<2	0.60	3	10.2	42.6	8605	6.6	10	2.5	42	0.08	0.06	1.5	72

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
172	454252	5488551	3	61.3	0.14	2.7	<2	0.49	12	29.5	61.6	13961	2.7	23	4.5	121	0.16	0.26	5.2	80
173	455605	5490367	10	48.1	0.19	3.9	<2	0.44	37	33.9	37.3	42372	8.5	24	8.7	139	0.14	1.19	5.0	79
174	457432	5494809	8	45.9	0.11	2.8	<2	0.51	11	26.1	25.3	13801	1.5	18	7.3	65	0.15	0.34	12.7	62
176	459043	5492527	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
177	457144	5489974	5	47.2	0.11	3.2	<2	0.42	18	32.9	53.0	14965	10.2	31	6.3	73	0.13	1.16	2.9	76
178	457999	5489993	3	65.0	0.09	1.9	<2	0.46	6	12.5	78.3	6409	2.0	13	2.4	17	0.08	0.20	0.9	58
179	456363	5488894	12	43.6	0.19	2.4	<2	0.81	13	35.8	61.7	12975	19.1	24	7.6	114	0.17	0.75	4.2	101
180	455663	5487618	5	65.7	0.12	1.8	<2	0.42	7	18.3	81.5	9939	2.2	21	4.1	47	0.11	0.24	1.7	60
181	454629	5486063	26	43.2	0.14	3.2	<2	0.52	12	45.5	104.5	14399	4.1	39	8.4	38	0.20	1.89	1.7	71
182	453819	5484808	25	32.6	0.13	3.5	<2	0.42	14	51.6	88.4	24162	1.7	37	8.0	50	0.14	5.00	2.8	88
183	453395	5485201	10	36.9	0.16	1.8	<2	0.46	20	37.3	56.1	23093	1.4	29	8.1	57	0.08	1.87	1.6	113
184	453113	5483762	7	29.0	0.11	2.5	<2	0.37	15	44.3	70.3	19182	1.4	35	11.3	41	0.10	3.90	2.1	75
186	452772	5484141	12	33.5	0.11	3.4	<2	0.40	12	36.6	63.7	17335	1.2	32	10.6	43	0.16	3.51	1.8	75
187	451900	5484504	15	34.7	0.13	5.2	<2	0.60	11	32.3	66.7	18187	1.4	31	17.5	45	0.31	2.95	1.9	81
188	451202	5483784	1	64.6	0.07	2.1	<2	0.33	7	12.5	44.8	2947	1.5	20	4.2	24	0.10	1.05	1.1	37
189	451626	5483735	3	63.4	0.10	3.0	8	0.37	11	26.5	105.3	10285	2.6	30	4.9	31	0.18	1.92	2.0	67
190	451474	5483293	10	50.6	0.11	4.9	<2	0.56	9	23.4	77.5	13719	1.3	22	13.4	37	0.26	0.76	1.4	66
191	451581	5482530	3	53.3	0.10	2.1	<2	0.51	9	22.3	104.2	5833	1.2	28	4.2	46	0.13	0.15	2.6	57
192	452125	5482738	4	55.6	0.09	2.9	<2	0.41	10	21.2	104.5	6547	1.1	30	3.2	42	0.11	0.21	2.5	52
193	452360	5482853	15	34.4	0.12	3.8	<2	0.40	13	38.9	82.6	21441	2.7	35	10.1	37	0.20	3.49	2.4	74
194	453381	5482405	1	54.7	0.07	2.8	<2	0.27	7	30.6	98.2	13549	4.4	46	4.6	30	0.13	3.33	2.2	52
196	453812	5482336	2	53.7	0.06	2.6	<2	0.27	5	19.1	80.0	7677	3.3	29	3.3	19	0.11	1.78	1.7	41
197	454413	5482746	4	65.3	0.20	INF	INF	0.46	INF	19.9	64.3	11005	2.8	30	4.8	17	0.12	1.89	1.3	52
198	454978	5482993	8	32.4	0.11	2.8	<2	0.38	13	38.9	65.2	17949	2.1	34	7.8	35	0.13	4.09	2.0	74
199	455530	5482861	7	35.8	0.10	3.2	<2	0.38	13	40.9	79.2	21598	3.0	40	8.6	35	0.14	4.99	2.3	72
200	454501	5481451	10	49.7	0.12	4.2	<2	0.59	8	21.4	88.0	13094	2.7	26	14.9	27	0.31	1.68	1.4	65
201	454576	5481822	6	39.8	0.11	3.3	<2	0.32	13	30.6	78.3	19475	3.0	41	6.1	27	0.13	3.01	2.2	72
202	455602	5480336	4	61.7	0.14	1.9	<2	0.56	3	9.6	39.3	8036	4.4	11	2.4	19	0.07	0.40	0.8	73
203	456101	5481225	3	37.0	0.13	3.0	<2	0.45	14	36.9	46.2	19678	1.4	37	6.5	46	0.09	2.41	2.6	93
204	456807	5480952	4	38.6	0.12	2.7	<2	0.48	14	30.1	26.4	15749	1.0	28	6.3	46	0.08	0.61	2.3	92
206	454720	5480697	4	61.3	0.12	1.8	<2	0.31	5	29.8	115.8	4770	3.6	30	3.7	27	0.17	1.55	1.3	40
207	454129	5480352	3	62.6	0.15	2.1	4	0.55	8	19.3	165.9	7588	2.3	30	3.7	23	0.14	1.08	1.3	54
208	454086	5480990	17	50.7	0.13	3.0	<2	0.47	8	26.9	89.2	12302	1.8	30	7.9	26	0.23	1.83	1.1	60
209	453919	5480486	15	33.4	0.11	2.9	<2	0.39	11	30.9	81.4	15311	1.9	30	4.6	31	0.10	3.57	1.7	62
210	444333	5476243	7	48.0	0.10	2.9	<2	0.35	13	34.4	52.6	17930	0.8	34	6.8	27	0.11	3.55	1.1	87
211	443741	5475775	5	55.3	0.16	3.9	<2	0.41	13	32.6	75.0	22232	1.6	41	6.4	32	0.13	3.35	1.2	98
212	443725	5477075	5	73.5	0.10	2.3	<2	0.54	12	15.5	92.4	9926	5.1	18	3.0	18	0.11	1.13	1.1	73
213	440840	5476855	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
214	440322	5475816	3	40.9	0.12	2.7	<2	0.33	9	31.6	46.4	14722	1.6	28	6.4	53	0.12	1.04	2.3	71
216	434808	5475321	5	32.5	0.09	3.2	<2	0.33	15	36.5	50.1	21083	1.2	43	8.3	48	0.12	6.82	1.7	79
217	441511	5472868	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
218	442270	5473887	10	43.4	0.11	3.4	<2	0.35	13	34.1	53.1	20321	0.9	36	9.2	34	0.15	4.98	1.3	75
219	443979	5473917	NM	82.1	0.08	2.7	4	0.43	49	11.2	36.0	3650	2.3	14	5.0	8	0.17	0.65	0.6	57
220	445238	5473944	31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
221	445508	5472659	15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
222	443991	5472538	12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
223	444064	5471393	8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
224	443887	5474827	4	71.4	0.08	2.6	<2	0.44	6	13.0	74.3	6894	2.1	16	3.5	14	0.11	1.03	1.0	54
226	444660	5475341	5	65.9	0.16	3.4	<2	0.42	7	17.1	58.5	10500	1.1	20	4.7	19	0.14	1.35	1.1	63
227	444479	5475630	7	64.6	0.09	2.7	<2	0.35	9	21.5	52.8	9766	1.6	24	5.5	19	0.15	1.94	1.4	58
228	444934	5476277	8	45.1	0.10	3.1	<2	0.28	12	33.7	43.4	21176	0.7	31	7.5	31	0.10	4.08	1.1	76
229	446006	5476361	5	56.5	0.08	2.8	<2	0.44	8	27.7	46.5	12254	0.7	24	7.8	20	0.11	1.98	1.6	78
230	446727	5476827	2	67.0	0.09	1.9	<2	0.40	5	12.8	56.5	4989	3.7	19	3.4	22	0.12	1.57	2.1	59
231	449158	5478896	8	32.4	0.13	4.2	<2	0.34	13	36.1	36.9	23233	1.2	32	11.2	64	0.17	2.59	22.2	82
232	449818	5479622	1	52.6	0.09	3.5	<2	0.33	10	29.7	39.0	13713	1.7	31	7.6	74	0.19	3.53	30.4	68
233	449357	5479997	10	27.7	0.12	3.6	<2	0.27	13	34.6	48.1	28465	1.2	35	10.0	65	0.15	4.91	7.5	74
234	448392	5480138	0.5	65.2	0.07	INF	INF	0.22	INF	25.4	56.9	12929	2.3	40	4.6	48	0.12	3.70	5.6	60
236	449243	5481126	9	32.2	0.12	3.7	<2	0.30	14	34.8	55.4	23093	1.0	37	9.3	60	0.14	2.90	8.2	76
237	450448	5481177	10	31.4	0.14	3.8	<2	0.35	14	44.8	64.8	19160	1.4	37	9.1	78	0.17	3.44	11.7	84
238	449887	5481943	NM	60.8	0.15	2.3	4	0.45	12	25.1	94.8	11570	1.6	30	4.3	76	0.17	0.25	8.3	59
239	449730	5482144	6	73.6	0.10	2.2	4	0.38	6	15.5	59.3	5528	1.2	17	4.7	25	0.14	0.23	1.1	46
240	450183	5482585	8	64.5	0.12	2.2	3	0.47	8	18.3	71.3	5405	2.4	24	4.8	31	0.12	0.14	1.4	66
241	450594	5482899	4	50.0	QC	2.4	<2	QC	10	QC	QC	10805	QC	26	QC	QC	QC	QC	QC	52
242	450338	5481853	6	58.3	QC	3.0	<2	QC	16	QC	QC	16897	QC	38	QC	QC	QC	QC	QC	73
243	451051	5481195	6	36.3	QC	2.9	<2	QC	16	QC	QC	17350	QC	44	QC	QC	QC	QC	QC	83
244	451494	5481660	NM	55.3	QC	2.8	<2	QC	18	QC	QC	19335	QC	56	QC	QC	QC	QC	QC	89
246	452960	5482138	NM	26.2	0.08	2.7	<2	0.35	13	56.7	66.0	16294	4.0	33	5.3	28	0.11	3.67	2.1	63
247	453146	5481403	11	12.1	0.04	1.3	<2	0.16	9	24.0	34.7	10438	0.7	19	2.3	27	0.04	3.60	1.7	33
248	452397	5481414	13	43.6	0.16	3.7	<2	0.51	15	40.8	154.9	17827	3.0	45	5.2	68	0.15	3.22	5.5	76
249	452487	5478975	8	27.4	0.11	2.9	<2	0.29	15	43.3	86.7	23919	1.4	41	7.9	37	0.13	6.40	1.8	73
250	453162	5479968	4	29.6	0.12	3.2	<2	0.39	15	43.2	87.7	22171	1.4	37	9.7	37	0.17	5.33	1.8	77
251	452851	5480226	6	61.1	0.14	2.8	<2	0.63	11	17.1	83.5	11508	1.3	20	3.0	34	0.11	0.13	1.3	77
252	452918	5480777	3	59.2	0.26	2.3	7	0.72	12	23.6	228.6	11598	1.3	43	3.2	52	0.12	1.11	1.9	77
253	451608	5480694	17	35.1	0.20	5.8	<2	0.49	15	41.1	77.8	30212	3.2	39	7.9	96	0.16	5.80	14.4	90
254	451517	5479891	1	22.7	0.06	6.4	<2	0.40	14	37.8	59.3	18179	1.0	37	8.5	43	0.16	8.28	6.9	64
256	450894	5480115	10	56.3	0.16	3.9	<2	0.55	8	22.2	33.5	16704	1.9	17	8.2	76	0.17	0.25	22.4	89
257	450832	5478621	2	46.9	0.11	3.0	<2	0.37	12	33.9	42.5	15324	1.4	29	6.2	49	0.12	1.36	8.3	70

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
258	451273	5478818	2	46.9	0.12	2.8	<2	0.36	10	32.8	69.9	15778	1.4	32	5.7	45	0.11	3.61	5.1	63
259	452511	5478505	4	31.7	<0.04	1.6	<2	0.20	3	12.1	29.6	8066	2.6	12	2.0	15	0.06	1.20	1.3	31
260	452195	5478090	7	46.5	0.13	3.1	<2	0.41	9	31.1	73.1	18502	2.5	25	7.2	37	0.19	2.83	2.2	68
261	452055	5477480	1	72.1	0.07	INF	INF	0.39	INF	10.3	68.2	3677	1.5	8	3.3	11	0.09	0.64	0.7	41
262	454373	5475571	15	23.9	0.11	2.4	<2	0.32	10	39.6	44.8	17592	0.8	31	7.7	49	0.11	2.59	2.9	77
263	455123	5475405	13	22.1	0.10	2.6	<2	0.29	12	43.3	44.5	22374	0.6	35	9.0	52	0.11	4.21	2.9	89
264	454885	5473700	2	51.0	0.12	1.5	<2	0.49	5	10.6	66.3	8410	3.2	12	3.0	28	0.08	0.05	1.0	77
266	454091	5473073	2	47.6	0.17	2.4	<2	0.53	12	29.6	95.7	12343	1.4	33	4.6	64	0.12	0.53	1.7	75
267	454410	5472569	3	49.9	0.13	2.4	<2	0.40	14	29.4	88.6	12497	1.6	34	3.3	63	0.11	0.80	1.8	66
268	452419	5473245	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
269	451115	5472812	2	63.2	0.11	2.0	<2	0.58	10	16.4	99.5	8828	1.8	28	3.7	21	0.11	1.36	1.2	113
270	449317	5472231	7	55.4	0.10	3.1	<2	0.45	8	22.5	81.3	12342	1.7	31	5.1	18	0.09	2.10	0.8	74
271	436808	5469822	6	67.0	0.11	4.3	<2	0.70	9	17.5	71.0	12545	1.6	17	4.2	20	0.16	1.30	1.2	76
272	439806	5472575	8	68.7	0.08	2.7	<2	0.43	11	20.3	58.6	12744	2.2	22	4.4	20	0.14	1.74	1.0	94
273	440046	5472819	3	85.6	<0.04	2.3	<2	0.35	7	10.2	24.0	2701	2.4	12	3.0	5	0.16	0.38	0.3	71
274	440758	5473212	5	63.4	0.10	2.6	<2	0.53	8	13.6	62.3	67948	1.2	19	3.5	18	0.15	2.14	0.8	84
276	445084	5474941	3	65.9	0.08	3.4	<2	0.47	18	13.9	64.0	22809	3.1	23	3.5	16	0.13	1.23	1.2	126
277	445725	5474760	6	8.3	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
278	445977	5474443	8	36.1	0.14	3.3	<2	0.30	14	32.3	48.6	22786	1.6	36	7.8	34	0.15	5.13	1.3	73
279	447129	5475502	25	23.3	0.14	4.5	<2	0.47	18	52.3	83.4	30771	3.6	50	11.2	52	0.14	8.62	2.0	102
280	447575	5474991	23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
281	448819	5476596	9	21.4	0.09	3.0	<2	0.26	15	45.1	41.9	24860	2.3	38	23.3	61	0.10	8.02	9.6	86
282	450803	5474306	5	63.9	0.09	3.6	<2	0.53	17	29.0	65.8	13576	2.2	35	4.8	24	0.16	3.25	1.7	99
283	451403	5475117	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
284	451556	5476249	23	29.8	0.14	3.6	<2	0.45	13	39.9	51.1	19674	1.0	32	13.3	49	0.22	2.89	3.0	75
286	455644	5476167	9	19.2	0.09	2.3	<2	0.23	12	41.3	37.9	21004	0.8	34	7.2	51	0.09	4.15	3.0	84
287	455861	5477260	3	29.8	0.08	4.2	<2	0.27	11	34.7	66.7	17424	2.9	40	6.4	35	0.21	5.49	3.6	60
288	456488	5477502	9	19.9	0.10	2.0	<2	0.27	13	46.7	39.7	22151	0.7	37	7.4	50	0.13	5.15	3.0	87
289	458469	5478371	24	21.0	0.14	2.8	<2	0.28	11	44.6	42.8	23549	0.9	33	8.7	53	0.14	2.81	3.2	88
290	459885	5478205	30	18.9	0.13	5.4	<2	0.52	18	51.5	50.7	32074	1.7	44	10.4	77	0.15	5.27	4.4	114
291	461475	5480418	23	12.7	0.10	6.1	<2	0.40	24	47.8	41.8	30913	2.1	43	10.7	66	0.13	7.24	3.6	106
292	462685	5480762	4	19.7	0.11	4.0	<2	0.44	18	48.0	36.0	26812	0.8	42	8.6	52	0.12	9.78	4.2	108
293	463479	5481350	14	23.9	0.14	3.3	<2	0.42	18	45.0	29.7	24562	1.0	36	7.9	50	0.12	2.97	2.9	127
294	463684	5482336	1	35.8	0.34	2.3	<2	0.46	6	33.3	40.7	9932	0.4	22	9.1	51	0.11	0.03	9.5	40
296	462465	5478625	6	49.1	0.24	3.6	<2	0.49	18	36.5	43.6	24555	1.6	29	6.9	92	0.17	0.78	7.5	109
297	462118	5479061	7	23.1	0.10	2.6	<2	0.43	17	39.2	28.5	18424	0.5	34	6.5	55	0.08	2.10	4.4	115
298	463005	5477432	2	22.3	0.12	3.3	<2	0.49	17	49.1	27.1	23513	0.5	38	7.4	48	0.08	6.21	2.6	146
299	463417	5475917	5	63.4	0.11	2.4	<2	0.51	2	12.8	29.7	10505	1.7	12	2.7	23	0.09	0.21	1.4	82
300	463012	5476533	8	77.7	0.09	3.2	<2	0.68	4	10.3	16.2	12712	1.5	11	4.5	17	0.10	0.13	0.8	132
301	462290	5475784	12	18.0	0.09	3.3	<2	0.24	14	41.7	36.1	23961	1.1	35	7.3	55	0.10	4.39	3.6	89
302	460218	5477307	26	18.0	0.16	4.2	<2	0.70	20	47.9	51.1	28196	1.8	48	11.0	79	0.15	5.15	4.6	120
303	461140	5477067	6	17.5	0.11	1.6	<2	0.26	16	48.6	34.7	26784	0.6	43	8.7	54	0.09	6.59	2.5	105
304	462101	5477174	5	22.2	0.12	2.9	<2	0.38	18	46.2	27.9	26689	0.5	40	8.9	47	0.08	3.65	2.2	122
306	461584	5477789	4	39.2	0.16	3.3	<2	0.39	13	39.9	44.0	24381	1.2	37	8.2	58	0.17	2.24	5.6	85
307	460489	5475863	40	22.1	0.15	6.4	<2	0.34	16	47.2	49.1	33033	1.6	39	10.2	64	0.18	4.70	4.0	97
308	463386	5474213	35	24.0	0.14	5.8	<2	0.31	12	42.4	47.4	27148	1.1	33	9.7	52	0.18	2.86	3.4	84
309	462534	5473606	17	9.8	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
310	461728	5473353	13	22.1	0.16	2.8	<2	0.29	13	46.7	39.3	27363	0.9	37	9.5	68	0.11	4.42	2.6	99
311	460226	5474496	38	22.5	0.15	5.3	<2	0.32	14	48.7	50.6	30343	1.6	39	9.7	60	0.17	3.73	3.9	98
312	461002	5472300	3	38.6	0.26	2.4	<2	0.40	10	38.4	57.0	21344	1.1	30	7.3	54	0.14	1.97	2.5	89
313	460064	5471933	8	14.9	0.08	1.6	<2	0.20	12	33.8	31.5	17884	0.6	31	5.9	43	0.09	6.28	2.3	67
314	459789	5471398	3	60.8	0.14	2.7	<2	0.41	12	19.9	58.5	8995	2.0	29	3.8	46	0.14	0.19	2.4	65
316	458736	5472204	31	16.0	0.11	5.5	<2	0.51	21	48.0	50.3	31354	2.5	49	10.7	66	0.17	7.45	4.2	110
317	456772	5471636	6	65.3	0.14	3.0	<2	0.51	7	22.2	50.1	16106	3.4	21	4.0	28	0.15	0.10	1.0	93
318	452609	5475364	2	76.0	0.07	1.9	2	0.34	6	9.3	61.2	3281	1.0	12	2.4	11	0.08	0.86	0.5	45
319	440745	5473196	4	68.8	0.10	2.9	<2	0.64	10	14.5	69.8	23448	1.3	16	3.8	19	0.16	2.05	0.9	84
320	436517	5472827	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
321	448428	5474711	1	69.8	0.08	2.0	<2	0.43	5	13.2	32.2	7432	1.3	11	3.5	15	0.11	0.84	0.8	50
322	448759	5475445	2	55.6	0.10	2.7	<2	0.45	11	24.7	76.8	14388	1.4	28	6.3	27	0.13	2.61	1.8	80
323	448953	5475128	5	57.5	0.08	INF	INF	0.26	INF	29.1	45.6	13509	2.1	23	6.6	23	0.14	3.18	1.2	52
324	448482	5473185	4	39.0	0.10	2.6	<2	0.26	12	31.4	51.3	17637	1.2	27	7.1	29	0.13	4.22	1.5	59
326	449778	5474234	3	19.0	0.12	1.8	<2	0.31	17	53.2	54.0	25814	0.7	44	8.7	50	0.08	7.90	2.4	87
327	450382	5475010	10	55.9	0.12	3.8	<2	0.64	10	22.3	102.6	30494	1.8	28	5.2	26	0.17	1.02	1.1	91
328	450239	5475568	9	61.6	0.08	2.6	<2	0.43	8	19.1	66.5	10901	1.2	26	3.4	19	0.09	1.54	0.9	62
329	456465	5474550	15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
330	457942	5474333	35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
331	458217	5476165	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
332	458570	5477304	13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
333	459283	5475553	24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
334	459309	5474660	16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
336	459408	5472885	30	22.6	0.14	6.1	<2	0.53	17	56.2	57.8	33342	2.1	46	11.3	81	0.18	5.74	5.0	119
337	460325	5472964	4	41.5	0.07	3.5	<2	0.31	9	34.4	65.5	15417	2.6	45	5.9	68	0.18	7.02	3.2	67
338	461975	5471283	10	24.2	0.18	4.6	<2	0.44	14	53.1	45.3	31380	1.2	39	14.8	70	0.21	5.24	2.8	109
339	462602	5472191	14	22.3	0.22	6.4	<2	0.72	36	64.7	56.6	73070	3.5	52	13.7	153	0.16	11.85	5.8	152
340	463605	5471692	7	20.2	0.13	3.3	<2	0.30	15	46.5	40.4	27486	1.5	36	7.2	78	0.13	8.95	3.8	98
341	464814	5470506	30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
342	467086	5470468	NM	23.4	0.09	1.8	<2	0.37	10	27.5	24.0	13737	0.6	21	5.6	52	0.09	2.91	2.7	60

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
343	468148	5470133	7	33.6	0.23	3.9	<2	0.53	14	49.3	62.4	22909	2.4	36	6.3	121	0.15	4.31	4.2	114
344	467498	5469823	12	43.1	0.34	4.6	<2	0.52	26	41.9	63.4	47925	4.5	31	9.0	138	0.20	3.46	3.5	96
346	468529	5469638	3	53.4	0.18	2.6	<2	0.46	7	19.9	40.4	10868	2.9	15	4.3	53	0.14	0.10	1.8	61
347	468914	5469951	10	54.6	0.28	3.7	<2	0.49	14	27.8	58.6	26043	3.7	21	5.7	90	0.16	1.02	2.3	76
348	469318	5469338	8	55.0	0.12	INF	INF	0.44	INF	23.4	63.9	11501	7.7	23	4.7	38	0.17	0.63	1.6	62
349	470489	5469452	24	51.9	0.14	6.4	<2	0.79	9	24.4	47.0	11641	3.6	18	18.6	38	0.53	0.75	1.6	76
350	471288	5469144	1	82.6	0.05	INF	INF	0.25	INF	17.5	41.3	9265	5.5	17	2.5	27	0.09	3.06	1.2	48
351	471837	5468745	2	60.0	0.11	2.5	<2	0.40	6	16.7	45.3	11631	3.2	16	3.6	26	0.12	0.83	0.9	62
352	473079	5469129	1	54.1	0.29	2.4	<2	0.47	8	23.2	60.5	15285	2.4	19	5.5	59	0.13	0.41	1.4	70
353	473358	5469178	2	41.1	0.16	1.7	<2	0.41	7	17.4	65.9	6838	1.1	15	3.7	71	0.07	1.06	2.8	30
354	474007	5469616	8	57.5	0.17	7.9	<2	0.99	8	25.1	55.3	16276	3.9	21	25.3	37	0.54	0.16	1.1	100
356	473550	5470232	11	55.3	0.17	2.6	<2	0.70	11	23.7	88.5	10164	8.4	21	4.8	43	0.18	0.11	2.0	88
357	475023	5470276	9	63.4	0.21	3.0	<2	0.64	8	23.3	87.6	10479	3.3	25	6.3	52	0.19	0.03	1.3	85
358	474883	5469794	1	57.9	0.10	2.7	<2	0.53	11	22.4	47.7	10574	1.7	27	5.2	48	0.12	0.05	1.1	75
359	475602	5469789	2	55.9	0.13	2.0	<2	0.50	7	14.4	43.7	8247	2.2	20	4.0	37	0.12	0.08	1.1	68
360	476015	5470046	4	63.2	0.13	2.0	<2	0.45	7	17.3	44.9	7185	2.5	17	3.7	37	0.12	0.06	1.1	58
361	476227	5468770	3	20.8	0.13	3.3	<2	0.43	14	42.9	34.4	23735	1.3	40	5.0	94	0.08	3.45	2.7	108
362	477420	5468223	16	35.2	0.30	3.8	<2	0.54	12	47.9	51.9	28681	3.4	27	8.3	108	0.13	2.00	3.7	103
363	478799	5469230	9	27.9	0.18	3.0	<2	0.37	15	43.5	38.1	23637	2.3	29	5.7	75	0.09	2.65	3.2	92
364	481026	5469294	5	44.6	0.26	2.8	<2	0.47	12	30.7	44.9	16317	1.9	27	7.3	77	0.11	0.90	2.6	85
366	481120	5469900	8	58.4	0.22	3.5	<2	0.53	9	22.3	41.6	26998	7.9	20	5.5	52	0.19	0.42	2.7	76
367	482151	5469519	5	47.9	0.35	2.9	<2	0.43	7	24.7	39.2	13568	3.8	19	5.2	60	0.11	0.45	2.9	78
368	481664	5469229	8	42.2	0.20	2.8	<2	0.52	14	28.8	40.5	11548	1.7	25	5.4	77	0.09	0.76	2.8	89
369	480933	5468019	3	51.8	0.28	3.0	<2	0.39	12	27.2	57.1	16677	4.3	23	7.0	81	0.18	0.53	1.6	67
370	480206	5468186	7	51.3	0.20	2.6	<2	0.35	5	16.2	38.0	12654	5.7	18	6.1	48	0.13	0.30	1.1	57
371	478395	5467364	NM	37.5	0.19	2.1	<2	0.51	12	35.7	33.5	15920	1.6	29	5.9	67	0.08	1.61	1.4	91
372	466954	5467197	7	41.1	0.17	2.6	<2	0.56	15	46.8	89.3	22001	3.0	38	5.6	55	0.12	3.80	1.6	105
373	467252	5467914	7	29.0	0.13	1.8	<2	0.56	14	33.7	66.7	17042	1.4	27	4.2	45	0.08	4.59	1.4	81
374	447158	5473752	3	56.8	0.09	2.4	<2	0.37	7	26.7	56.8	13293	3.7	27	5.3	25	0.16	3.26	4.0	58
376	448480	5473166	4	18.7	0.12	2.0	<2	0.26	16	54.1	51.5	29160	0.6	46	8.7	47	0.09	7.60	2.4	90
377	457695	5470344	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
378	466684	5468829	9	57.6	0.26	2.9	<2	0.44	8	26.9	65.8	19034	2.4	25	5.8	77	0.25	0.93	1.9	75
379	465448	5469221	10	31.7	0.18	3.7	<2	0.41	15	47.5	71.6	25031	1.8	42	7.6	77	0.14	6.20	2.8	97
380	473869	5468557	9	46.9	0.33	3.5	<2	0.64	29	35.9	87.7	42061	8.2	30	6.3	124	0.14	2.49	2.1	102
381	473676	5467843	6	34.3	0.25	2.9	<2	0.51	14	36.6	67.1	20889	3.9	30	6.3	89	0.12	1.82	2.9	96
382	473865	5467056	8	20.1	0.15	2.9	<2	0.40	16	47.5	44.6	26255	1.2	39	6.8	82	0.09	5.43	2.8	100
383	476239	5467239	3	38.2	0.11	3.6	7	0.39	12	34.2	39.7	23141	1.4	32	5.3	53	0.10	3.14	2.2	80
384	476631	5466915	2	41.0	0.11	2.5	<2	0.43	10	31.2	32.7	14548	1.1	31	5.7	52	0.12	1.20	1.6	78
386	476920	5466395	4	41.4	0.21	2.3	<2	0.46	7	27.7	32.2	12436	1.3	20	6.2	53	0.09	0.68	1.3	68
387	481984	5468103	4	34.0	0.14	2.1	<2	0.45	18	33.1	31.4	17313	1.5	28	5.3	79	0.09	1.72	1.9	99
388	482601	5467570	6	36.2	0.17	2.4	<2	0.47	17	35.0	34.1	17569	1.4	28	6.5	82	0.09	1.50	1.9	94
389	483296	5468015	1	43.5	0.10	3.6	<2	0.48	12	27.1	30.1	14006	1.3	29	8.6	72	0.13	2.58	2.2	66
390	483773	5468805	3	54.1	0.14	3.8	<2	0.47	18	30.6	63.7	14616	2.9	32	8.8	68	0.22	0.91	2.5	88
391	483576	5469378	15	51.1	0.27	2.6	<2	0.45	6	21.6	64.8	17500	4.6	16	10.3	52	0.14	0.24	1.8	72
392	484976	5469050	8	35.9	0.16	2.6	<2	0.76	23	39.9	34.5	23617	1.9	31	7.9	85	0.14	1.70	2.9	139
393	484861	5468181	5	34.6	0.15	3.3	<2	0.69	24	45.8	40.0	26017	2.7	40	6.5	106	0.10	2.24	3.8	170
394	484283	5467933	1	35.2	0.08	1.6	<2	0.58	11	20.0	29.0	11205	1.3	20	4.2	44	0.09	1.79	2.6	89
396	485196	5470267	4	57.2	0.33	2.6	<2	0.51	6	21.1	50.5	15850	3.5	17	4.9	47	0.12	0.13	1.6	92
397	485699	5469925	11	28.9	0.17	1.8	<2	0.36	11	28.8	22.4	15334	1.4	19	6.3	50	0.10	1.30	1.6	70
398	485783	5469348	18	51.1	0.31	4.1	<2	0.38	60	33.4	41.3	54359	4.2	25	16.4	90	0.14	2.09	4.3	88
399	486872	5470170	5	48.7	0.09	2.3	<2	0.51	6	23.7	21.0	11179	1.9	18	5.0	42	0.09	0.14	1.8	64
400	487836	5470973	17	46.0	0.18	3.2	<2	0.45	5	25.7	25.2	17425	2.9	17	14.5	59	0.29	0.55	1.9	59
401	487643	5469776	21	38.2	0.26	3.2	<2	0.55	8	38.0	39.5	19324	3.1	25	15.0	80	0.19	1.16	8.8	76
402	489367	5469845	21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
403	488680	5470061	13	22.4	0.13	3.5	<2	0.56	20	40.9	33.9	35564	6.2	35	8.1	90	0.12	3.33	10.9	132
404	488033	5468731	2	53.3	0.14	2.4	<2	0.38	8	20.0	28.8	8786	2.9	20	5.3	76	0.12	0.14	16.1	50
406	488050	5467243	1	42.2	0.10	2.1	<2	0.48	8	24.2	26.2	9254	3.2	29	7.1	67	0.10	0.63	12.8	39
407	486545	5468240	4	47.7	0.20	2.4	<2	0.49	11	28.2	35.5	13102	3.2	25	10.4	70	0.11	0.44	6.6	74
408	486081	5467446	6	44.5	0.15	2.2	<2	0.34	11	22.7	33.0	15462	1.9	18	5.0	56	0.10	0.30	1.4	59
409	472494	5468111	2	48.7	0.15	2.8	<2	0.40	8	19.6	69.8	7316	3.2	28	5.2	68	0.13	1.63	2.3	56
410	461870	5470468	3	33.8	0.17	3.1	<2	0.39	15	46.3	71.4	22196	1.5	43	7.1	70	0.11	4.28	2.8	83
411	462842	5471161	4	67.6	0.24	1.7	<2	0.59	6	16.7	51.7	18049	4.4	14	3.0	55	0.12	0.19	2.1	124
412	461167	5471317	25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
413	456930	5470874	3	63.0	0.11	2.9	<2	0.60	13	24.5	40.6	28893	3.3	18	4.3	25	0.16	0.16	1.1	89
414	455966	5472808	3	44.3	0.13	2.7	<2	0.44	11	33.2	47.3	18271	0.9	34	5.9	45	0.07	1.92	1.4	83
416	455870	5472301	1	37.8	0.04	1.5	<2	0.20	2	5.9	15.8	3915	0.9	14	1.8	8	0.06	0.91	0.4	26
417	450497	5470865	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
418	445864	5471555	3	63.8	0.09	3.3	<2	0.32	7	23.8	60.3	12739	4.0	29	4.9	24	0.16	2.56	4.3	54
419	440304	5471905	9	40.0	0.10	3.4	<2	0.29	11	38.3	74.3	16502	2.0	46	6.9	34	0.16	4.21	1.9	68
420	439420	5470728	13	27.7	0.22	3.6	<2	0.45	16	51.2	75.4	25689	1.5	51	9.6	46	0.15	6.26	2.5	101
421	460879	5467393	10	59.2	0.16	2.7	<2	0.61	7	17.8	56.6	10270	2.2	15	4.9	48	0.18	0.29	1.3	71
422	476724	5464211	4	57.2	0.19	3.5	<2	0.44	12	27.8	42.9	14653	2.1	26	5.0	57	0.16	0.94	2.0	82
423	477336	5464297	6	43.8	0.32	3.4	<2	0.34	13	35.9	46.1	22408	2.3	29	7.7	64	0.15	1.52	2.1	75
424	478292	5465386	4	36.0	0.17	4.2	<2	0.47	17	42.8	45.7	21950	1.5	37	8.4	70	0.16	3.30	1.9	98
426	479186	5464943	5	59.0	0.22	2.8	<2	0.40	11	26.9	44.6	16528	1.7	22	6.0	76	0.18	0.54	2.0	69
427	479443	5465813	4	45.1	0.19	2.1	<2	0.47	6	24.0	32.8	11212	1.1	18	5.9	48	0.10	0.50	1.4	64
428	479871	5466150	12	36.0	0.16	3.5	<2	0.50	13	40.8	39.7	19876	1.9	29	9.7	69	0.23	2.31	2.1	98

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	-------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	-------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	-------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
429	480833	5466438	4	57.8	0.15	4.0	<2	0.49	13	26.4	35.4	15612	2.1	22	6.8	69	0.18	0.35	1.8	80
430	481714	5467079	9	39.1	0.14	4.3	<2	0.53	15	40.5	43.8	21832	2.0	34	9.2	67	0.19	2.36	2.3	99
431	483574	5466199	14	48.8	0.31	5.8	<2	0.50	19	30.7	45.0	24519	3.2	20	19.4	90	0.43	0.87	2.5	75
432	484541	5465021	25	48.4	0.34	9.0	<2	0.52	49	34.2	39.3	70901	4.4	27	31.0	107	0.43	2.45	3.2	92
433	484570	5466302	5	26.7	0.11	1.5	<2	0.39	15	29.2	25.5	14344	1.5	23	4.0	66	0.07	1.15	2.5	97
434	485043	5466178	6	41.6	0.16	2.5	<2	0.71	16	34.4	37.2	16134	2.2	24	6.9	80	0.11	1.02	3.0	113
436	486184	5465573	3	35.1	0.19	1.3	<2	0.39	6	22.1	27.5	7744	1.1	19	4.2	61	0.08	0.21	2.4	64
437	490474	5469305	15	18.6	0.11	5.0	<2	0.39	19	42.5	33.1	27545	4.8	36	7.9	84	0.12	5.23	10.6	116
438	490031	5468388	11	35.6	0.15	2.7	<2	0.51	11	35.1	34.8	17121	3.4	26	10.1	79	0.14	1.51	16.4	82
439	489013	5468592	8	26.2	0.11	2.1	<2	0.43	13	39.4	30.5	18885	3.3	30	7.4	83	0.10	3.23	17.4	91
440	489418	5467857	5	41.5	0.21	2.1	<2	0.44	10	29.5	40.5	15679	10.3	26	6.6	71	0.10	0.71	3.9	60
441	489529	5467110	7	66.3	0.23	2.6	<2	0.58	5	18.9	62.3	10965	39.0	19	3.7	48	0.10	0.05	1.6	70
442	489902	5464833	8	43.2	0.33	3.5	<2	0.79	16	39.9	62.0	15820	7.4	30	6.5	109	0.18	0.95	4.8	107
443	491319	5463555	7	41.2	0.25	2.6	<2	0.52	16	33.1	42.7	18390	3.8	28	6.9	84	0.15	0.98	2.2	90
444	488201	5464804	22	40.6	0.26	3.9	<2	0.76	16	39.4	51.6	18642	7.0	26	12.9	107	0.32	1.12	5.8	94
446	487432	5464061	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
447	486663	5463871	23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
448	485962	5464483	12	35.5	0.15	4.0	<2	0.48	17	34.6	31.8	18302	3.1	30	4.9	94	0.11	1.33	4.4	99
449	485133	5465305	4	50.0	0.15	2.9	<2	0.51	7	19.7	27.9	8759	1.7	17	5.4	64	0.14	0.13	2.4	69
450	483974	5464413	5	21.9	0.09	3.6	<2	0.37	15	33.7	24.6	17698	1.5	29	4.3	81	0.09	2.78	3.3	108
451	483515	5463826	5	31.5	0.13	2.7	<2	0.47	14	35.1	31.6	21187	2.1	29	5.2	97	0.11	1.87	4.5	121
452	482611	5463912	12	31.7	0.21	8.6	<2	0.79	29	45.0	48.8	29144	5.1	38	6.9	132	0.18	4.80	8.0	164
453	482221	5465095	7	54.4	0.12	4.4	<2	0.56	4	17.0	29.8	12609	3.4	11	4.3	67	0.11	0.16	2.6	65
454	481777	5465578	1	29.9	0.14	1.8	<2	0.33	4	16.5	21.2	6369	1.4	13	5.2	32	0.11	0.13	2.2	41
456	480414	5465382	4	34.2	0.21	3.0	<2	0.44	18	38.9	36.8	22759	1.2	33	7.6	86	0.13	2.59	2.2	104
457	481318	5464594	5	37.3	0.20	2.5	<2	0.62	16	36.8	39.0	19450	1.6	31	6.5	114	0.10	1.54	4.0	116
458	481782	5463751	7	30.8	0.12	3.4	<2	0.43	10	35.1	35.7	24287	2.6	28	5.5	85	0.13	1.96	4.4	93
459	482292	5463329	5	31.7	0.17	4.7	<2	0.48	14	39.7	43.6	25164	2.3	36	5.8	114	0.14	4.04	4.2	107
460	481221	5462843	2	43.8	0.21	8.6	5	0.67	18	31.4	66.5	23144	7.1	41	6.5	92	0.29	7.76	6.6	120
461	482213	5462074	6	58.4	0.21	2.9	<2	0.64	4	17.8	49.4	10942	3.1	14	3.8	37	0.10	0.20	1.4	80
462	480865	5461649	13	39.3	0.23	4.3	<2	0.35	25	39.5	41.0	33866	2.3	32	11.8	85	0.24	2.63	2.4	89
463	479566	5462221	9	45.1	0.20	3.2	<2	0.56	13	28.7	35.5	17719	1.9	20	6.7	93	0.16	0.49	2.9	98
464	479932	5463385	2	26.2	0.10	2.0	<2	0.53	16	34.7	24.0	18438	0.9	35	6.4	77	0.09	2.33	3.0	114
466	478147	5462643	2	20.3	0.11	3.2	<2	0.44	15	39.5	29.1	21688	0.7	33	9.7	53	0.13	4.05	2.4	90
467	477259	5463397	2	16.9	0.11	2.7	<2	0.30	15	43.4	29.9	23789	0.9	37	6.6	59	0.08	6.22	2.5	103
468	476271	5462996	24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
469	475567	5462615	14	25.7	0.17	5.5	<2	0.40	21	51.8	46.2	50879	3.7	41	7.9	87	0.14	5.69	3.6	119
470	474639	5463005	13	24.3	0.19	7.4	<2	0.88	47	56.8	55.2	80863	5.3	62	12.7	155	0.16	10.25	6.0	193
471	473828	5463380	4	53.1	0.19	3.3	<2	0.40	8	32.1	49.3	16846	3.6	34	7.7	35	0.17	1.78	1.6	89
472	466219	5462986	8	30.3	0.21	3.8	<2	0.60	13	50.9	73.9	26948	2.7	42	8.3	99	0.14	4.44	4.2	125
473	427414	5464960	2	47.3	0.09	4.1	<2	0.37	16	31.8	49.8	17712	1.6	35	6.3	28	0.15	4.46	1.2	94
474	427425	5461823	3	74.3	0.09	INF	INF	0.39	INF	19.9	68.6	8726	2.4	20	2.6	21	0.14	1.44	1.3	75
476	428068	5460025	1	64.6	0.07	3.3	<2	0.50	8	12.7	43.6	7594	1.8	14	7.7	12	0.20	1.29	0.6	58
477	426937	5459258	2	56.5	0.08	0.9	<2	0.38	5	9.6	54.3	6611	1.3	11	2.4	15	0.08	1.09	0.6	50
478	427885	5458545	4	65.0	0.11	2.4	<2	0.46	10	14.6	78.0	19694	1.8	18	3.2	21	0.11	0.71	0.7	77
479	427530	5458160	25	64.2	0.13	INF	INF	0.61	INF	17.2	107.7	27269	2.9	22	3.9	20	0.19	1.18	1.1	79
480	427453	5457644	2	65.8	0.07	2.1	<2	0.35	5	13.7	38.4	7784	2.4	13	3.1	19	0.11	1.89	0.8	53
481	428362	5458327	5	71.6	0.07	INF	INF	0.48	INF	16.2	55.3	16559	1.6	16	3.1	15	0.26	0.80	0.8	71
482	428442	5456862	1	60.5	0.05	2.6	3	0.34	7	16.2	35.5	11360	2.1	23	3.8	16	0.09	2.29	0.8	61
483	429140	5455823	30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
484	428218	5455616	14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
486	427215	5453237	10	58.4	0.16	3.1	<2	0.79	10	27.4	84.1	18953	1.4	28	5.3	61	0.16	2.08	1.7	146
487	427592	5452520	4	49.9	0.12	INF	INF	0.27	INF	55.5	67.4	23278	1.6	50	7.2	45	0.18	4.90	1.4	75
488	427577	5451283	10	20.5	0.11	3.9	<2	0.25	20	89.3	57.1	33591	0.8	61	9.3	49	0.12	7.23	1.5	91
489	427431	5449058	10	24.2	0.09	5.4	<2	0.27	18	56.3	48.5	29902	0.8	53	11.8	41	0.22	7.43	2.3	86
490	428876	5448933	2	46.3	0.07	5.5	<2	0.28	13	34.5	46.7	16065	1.3	46	8.8	32	0.25	3.99	2.0	62
491	428790	5448246	1	50.6	0.09	4.4	<2	0.37	13	34.2	41.3	16136	1.4	42	6.8	30	0.22	2.36	2.1	87
492	431287	5444115	4	26.7	0.11	5.0	<2	0.32	17	54.7	58.9	25976	0.8	53	10.3	47	0.16	6.69	2.3	91
493	433882	5445754	10	41.2	0.14	4.8	4	0.35	13	32.9	74.0	21166	2.4	36	6.0	58	0.19	1.32	2.8	73
494	433465	5444477	13	42.0	0.10	5.2	<2	0.42	12	35.9	50.2	14944	2.1	35	6.5	43	0.20	0.86	1.9	70
496	435440	5444547	3	42.4	0.14	3.3	<2	0.52	15	29.9	72.1	11818	1.4	30	4.3	38	0.12	0.24	1.3	80
497	436584	5444220	4	43.5	0.18	5.6	<2	0.42	18	37.2	84.5	17379	2.0	38	6.5	49	0.21	0.43	2.9	68
498	436896	5443167	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
499	439013	5444081	2	57.2	0.12	3.9	<2	0.44	12	26.3	61.2	9183	1.5	30	5.7	24	0.17	0.09	0.7	68
500	438960	5443398	2	59.8	0.12	2.9	4	0.42	15	25.5	77.8	7184	1.4	32	3.4	38	0.13	0.06	1.0	62
501	440210	5442629	3	54.0	0.16	2.8	<2	0.66	12	24.5	63.7	11154	1.2	23	6.1	25	0.13	0.16	0.6	91
502	439301	5442066	10	56.0	0.14	2.9	6	0.31	12	27.1	73.4	9617	1.4	27	3.3	42	0.14	0.12	1.1	47
503	440342	5441692	9	50.0	0.31	4.7	<2	0.43	26	40.0	137.5	29015	3.5	42	5.0	81	0.21	0.57	1.0	85
504	439011	5440262	4	31.7	0.10	6.4	<2	0.40	18	44.9	56.4	28180	1.8	46	8.9	39	0.24	6.54	1.8	81
506	438928	5439523	13	30.5	0.17	4.9	<2	0.47	14	43.7	67.6	22035	1.4	36	8.8	64	0.17	2.62	2.0	94
507	439876	5439296	6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
508	442518	5437855	8	39.1	0.15	3.3	<2	0.45	12	31.9	48.9	17378	1.5	30	6.8	48	0.14	2.39	1.4	86
509	443572	5436721	4	56.0	0.39	4.2	<2	0.55	12	25.5	48.5	13378	1.8	28	6.2	67	0.20	0.13	1.9	125
510	444592	5436571	6	46.3	0.16	2.8	<2	0.45	7	24.7	42.3	11771	3.2	25	5.8	46	0.14	0.18	1.8	70
511	445584	5436671	3	53.0	0.25	2.3	<2	0.38	7	16.8	77.3	11108	8.9	21	3.3	39	0.13	0.24	1.7	73
512	446488	5436174	9	34.5	0.24	4.6	<2	0.62	11	32.1	56.4	16765	2.9	32	6.9	58	0.18	0.76	2.2	94
513	446719	5435375	10	57.3	0.15	4.2	<2	0.45	10	16.8	37.5	12096	2.1	24	5.5	38	0.24	0.09	3.0	67

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
514	446781	5434718	5	66.8	0.41	3.3	<2	0.49	6	11.4	35.2	9497	2.0	17	3.2	18	0.10	0.18	0.6	72
516	446797	5437903	2	57.1	0.11	2.8	<2	0.49	8	17.0	39.8	6245	1.6	17	4.8	38	0.13	0.17	1.4	55
517	446003	5437779	12	43.0	0.21	3.9	<2	0.62	13	39.4	64.6	17747	4.0	33	4.5	58	0.18	0.69	1.9	104
518	445220	5438277	4	64.1	0.12	2.1	<2	0.42	4	14.1	52.0	6162	2.0	15	2.4	23	0.13	0.09	0.8	54
519	427942	5457852	6	68.5	0.10	1.8	<2	0.56	8	14.0	62.3	17519	1.1	15	2.8	16	0.09	1.20	0.6	84
520	428193	5457653	2	66.6	0.12	2.2	<2	0.63	7	13.1	56.8	7033	1.1	13	5.6	26	0.13	1.65	0.9	61
521	442653	5460169	3	58.5	0.12	6.5	<2	0.45	9	19.4	36.7	16340	2.4	37	3.4	21	0.18	0.89	1.6	70
522	465567	5454467	6	76.4	0.11	4.9	<2	0.41	4	15.7	30.3	9465	1.8	16	3.1	13	0.11	0.70	0.8	73
523	465593	5453557	2	54.3	0.14	5.2	<2	0.47	12	33.7	64.7	15264	1.4	37	5.3	30	0.14	2.76	1.3	82
524	466112	5452928	4	48.4	0.14	3.7	<2	0.46	13	37.7	68.6	22555	1.1	39	6.6	32	0.11	3.17	1.2	102
526	490349	5435531	6	38.8	0.15	4.2	<2	0.44	12	52.1	60.1	18205	0.9	40	6.2	53	0.15	1.21	1.7	78
527	490738	5435655	6	34.7	0.17	3.6	<2	0.53	15	44.5	72.9	18860	1.0	39	4.8	45	0.15	1.41	1.5	92
528	491995	5435204	5	78.7	0.11	2.8	<2	0.68	5	9.9	42.5	10301	1.9	15	2.1	13	0.09	0.32	0.4	153
529	492154	5434817	2	63.0	0.15	4.5	<2	0.44	10	23.0	57.1	7279	2.4	35	4.6	49	0.21	0.16	0.9	65
530	492905	5434530	37	24.6	0.18	5.8	<2	0.49	14	46.5	49.4	24118	1.7	35	10.2	53	0.21	3.51	1.4	135
531	493180	5433767	6	51.9	0.28	4.8	<2	0.49	8	30.1	63.5	15200	1.5	28	6.9	82	0.19	0.36	1.2	91
532	493312	5432759	3	55.5	0.08	3.2	<2	0.28	6	23.4	57.8	7918	2.5	29	3.9	35	0.16	2.07	0.9	50
533	493804	5432446	15	33.3	0.20	4.0	<2	0.44	11	37.6	52.4	16308	1.8	30	9.6	36	0.24	2.20	1.1	73
534	494728	5432845	9	38.7	0.14	3.9	<2	0.45	10	35.4	58.6	17238	2.4	34	77.5	39	0.17	2.28	1.1	78
536	495948	5433432	2	60.2	0.07	3.5	<2	0.42	6	15.6	29.9	4750	1.3	16	4.6	14	0.15	0.59	0.7	51
537	495576	5432558	2	69.2	0.04	3.8	<2	0.37	6	9.8	16.9	3836	1.1	12	4.9	8	0.16	0.67	0.4	31
538	496106	5431980	2	51.4	0.08	2.1	<2	0.56	8	21.8	43.9	6667	0.8	17	4.2	16	0.11	1.30	1.0	64
539	497532	5434612	8	56.0	0.11	3.0	<2	0.45	9	19.9	66.7	6437	1.3	16	4.0	25	0.16	0.67	1.2	48
540	498319	5436495	10	39.5	0.17	3.6	<2	0.62	10	32.3	46.6	14671	1.8	21	5.1	40	0.12	0.75	1.2	82
541	499630	5437912	1	63.5	0.04	1.9	<2	0.41	5	10.0	19.3	3365	1.0	15	4.2	10	0.10	0.97	0.4	51
542	499445	5436492	2	57.5	0.12	2.3	<2	0.46	10	18.7	48.8	4795	1.0	22	3.0	17	0.11	0.94	0.8	57
543	498145	5435682	8	37.6	0.14	3.0	<2	0.56	11	34.5	47.7	16250	2.1	22	5.0	39	0.12	0.86	1.1	86
544	498289	5434984	20	36.8	0.18	5.2	<2	0.55	10	44.5	55.0	20497	2.0	27	7.4	43	0.16	2.15	1.5	81
546	498955	5435325	13	37.2	0.10	3.8	6	0.44	9	42.5	54.6	13301	2.0	27	7.4	38	0.18	1.88	1.4	64
547	498329	5434173	21	41.1	0.16	5.3	5	0.61	10	37.5	59.5	26355	2.4	26	8.5	46	0.17	1.83	1.3	88
548	498569	5433771	2	62.6	0.06	1.8	<2	0.44	6	12.6	29.8	3439	1.1	12	3.1	11	0.11	1.01	0.4	55
549	499826	5434151	8	36.0	0.09	3.4	<2	0.40	11	40.8	53.5	14519	1.8	30	5.8	41	0.13	2.81	1.3	67
550	497448	5438358	2	53.3	0.04	4.9	<2	0.23	9	8.5	23.4	7201	1.9	14	2.8	11	0.07	0.24	0.7	53
551	497730	5437643	2	53.4	0.05	2.4	<2	0.29	6	8.5	19.8	9343	1.5	15	2.1	10	0.08	0.09	0.4	61
552	495807	5439163	3	53.3	0.10	1.8	<2	0.57	5	20.5	40.7	9437	3.1	15	4.1	21	0.11	0.16	0.9	62
553	495624	5438755	7	47.3	0.43	INF	INF	0.83	INF	58.4	165.8	28699	14.0	90	7.9	58	0.34	3.34	1.8	111
554	495926	5438650	3	46.8	0.43	13.0	7	0.86	26	58.7	166.6	29221	14.1	91	7.9	60	0.33	3.32	1.8	114
556	496312	5438132	2	59.5	0.20	4.1	<2	0.50	9	19.7	66.9	20423	6.4	22	4.3	33	0.17	0.22	0.9	77
557	496239	5439079	12	63.1	0.20	3.7	<2	0.50	9	19.2	76.7	18940	8.5	20	3.7	30	0.19	0.25	0.9	72
558	496863	5439446	8	51.2	0.19	3.5	<2	0.46	12	26.3	86.3	12687	9.0	37	5.1	36	0.22	1.10	1.2	57
559	478881	5454579	10	41.4	0.41	7.9	4	0.67	22	62.9	144.0	22865	7.3	77	10.7	48	0.26	2.04	1.2	86
560	478791	5454097	7	54.0	0.39	3.5	4	0.75	11	28.9	159.0	10663	14.5	26	6.4	41	0.25	1.10	1.4	82
561	479724	5453829	2	59.3	0.11	3.5	<2	0.44	10	27.2	37.8	13131	3.4	22	5.9	60	0.22	0.75	1.8	64
562	469131	5463283	3	59.9	0.22	3.3	<2	0.43	10	29.2	52.8	10661	4.4	22	5.1	74	0.18	0.34	1.9	77
563	467903	5465221	12	55.5	0.14	3.5	<2	0.59	16	30.3	54.1	10720	2.7	36	5.4	81	0.16	0.82	2.5	94
564	462251	5469959	6	46.4	0.20	2.8	<2	0.39	11	35.9	52.3	14362	2.2	29	6.9	57	0.14	0.96	2.6	78
566	471454	5466330	5	54.9	0.59	3.4	<2	0.41	8	26.6	71.4	21898	5.7	20	7.9	83	0.20	0.72	2.1	74
567	472528	5466929	15	25.5	0.14	3.9	<2	0.34	16	48.1	56.8	28199	1.1	41	7.2	74	0.13	6.93	2.7	96
568	491488	5469419	17	26.4	0.19	3.3	<2	0.41	16	44.4	51.4	23572	1.5	34	7.0	79	0.11	4.32	3.0	107
569	492513	5470156	7	41.7	0.33	8.7	<2	0.71	17	37.3	80.7	40289	7.8	30	18.8	134	0.33	2.38	3.8	102
570	492509	5469386	9	5.7	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
571	493509	5468743	5	5.7	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
572	495470	5468432	15	35.0	0.13	3.6	<2	0.58	9	35.1	40.5	20178	3.1	24	6.3	55	0.17	1.64	1.6	96
573	495131	5468864	4	40.5	0.13	4.7	<2	0.44	12	24.4	23.7	19702	3.5	24	12.9	45	0.21	0.75	1.6	71
574	494654	5468441	3	32.8	0.14	2.8	<2	0.35	14	32.3	27.4	18209	4.4	27	6.1	60	0.11	1.85	2.1	71
576	494168	5468481	15	46.7	0.24	5.2	<2	0.69	11	28.9	38.0	21822	23.1	20	14.1	81	0.37	0.73	2.9	78
577	495933	5470032	NM	41.0	0.14	4.0	<2	0.48	11	34.4	31.6	17827	5.7	25	8.9	57	0.17	1.01	1.7	79
578	495969	5469525	7	33.1	0.12	2.5	<2	0.35	10	32.4	24.2	13058	2.7	22	5.4	55	0.10	1.00	2.5	66
579	494893	5470089	9	27.9	0.13	3.7	<2	0.37	20	43.3	29.8	36999	7.8	30	7.1	75	0.14	2.68	3.6	100
580	494667	5469323	17	33.4	0.19	2.6	<2	0.61	14	39.0	32.1	18497	3.3	30	8.4	74	0.13	1.46	2.7	98
581	494047	5469873	7	31.3	0.15	2.7	<2	0.51	14	39.8	30.1	17120	3.4	29	7.0	71	0.15	1.68	2.8	93
582	498873	5469990	7	16.2	0.07	3.0	<2	0.25	12	22.1	21.2	13065	3.1	21	4.8	33	0.12	2.18	1.4	54
583	499212	5468869	5	65.9	0.08	2.4	<2	0.58	7	19.2	22.7	7841	3.0	13	2.7	33	0.11	0.04	0.7	55
584	499721	5469531	4	46.8	0.12	2.5	<2	0.46	9	28.5	31.4	11276	1.9	19	6.4	64	0.16	0.20	1.2	59
586	500107	5469922	9	45.9	0.10	1.9	<2	0.48	10	24.6	25.2	9209	1.0	24	3.5	68	0.07	0.19	1.2	64
587	499739	5469547	3	47.4	0.13	2.4	<2	0.53	9	28.0	31.4	10716	1.8	20	6.2	66	0.16	0.19	1.3	66
588	499895	5468362	NM	27.1	0.13	3.7	<2	0.40	17	38.8	30.4	19764	4.3	34	6.1	89	0.10	1.14	2.3	94
589	498739	5468323	10	36.9	0.26	4.1	<2	0.61	13	34.8	42.8	17181	7.6	23	12.5	87	0.27	0.79	2.3	84
590	498095	5469043	5	32.9	0.18	3.0	<2	0.45	14	37.6	42.2	20258	6.5	32	5.3	107	0.10	1.18	2.7	97
591	497263	5468445	17	40.2	0.25	5.2	<2	0.68	12	36.1	46.2	18572	10.1	24	16.7	95	0.39	0.83	2.9	84
592	497507	5467484	14	41.6	0.21	2.9	<2	0.50	10	35.3	40.2	15457	5.9	25	8.7	84	0.17	0.74	2.4	72
593	496976	5467040	5	35.4	0.17	3.3	<2	0.48	14	36.5	36.7	17829	5.2	29	9.1	86	0.19	1.33	2.5	81
594	499679	5467391	2	57.8	0.13	2.0	<2	0.51	4	14.2	31.9	4483	3.6	11	2.9	36	0.08	<0.02	1.6	45
596	499728	5466674	2	44.6	0.13	2.5	<2	0.41	4	15.4	24.9	4924	2.3	14	5.6	30	0.16	0.07	1.2	43
597	499968	5465850	2	56.4	0.18	2.8	<2	0.39	19	24.6	37.4	11087	2.0	23	3.9	73	0.13	0.23	2.0	69
598	499540	5465794	3	49.4	0.14	3.3	<2	0.53	13	24.4	32.3	10664	6.5	24	7.4	73	0.20	0.30	5.2	83
599	498793	5465893	4	43.5	0.17	2.6	<2	0.48	11	27.1	31.8	12564	5.6	21	7.3	69	0.15	0.39	4.6	66

Site Number	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
600	498600	5465461	2	59.6	0.16	2.8	<2	0.59	18	29.3	41.4	14186	13.6	28	6.5	90	0.18	1.01	21.0	80
601	498065	5465298	1	60.6	0.16	2.6	<2	0.51	17	26.3	37.6	9297	10.3	28	6.4	80	0.13	0.50	17.9	60
602	497822	5464291	5	60.7	0.11	INF	INF	0.50	INF	20.7	24.6	12661	7.9	17	8.8	40	0.13	0.97	23.2	74
603	497386	5465452	5	57.9	0.26	2.6	<2	0.49	10	21.2	38.2	14192	7.9	24	5.3	71	0.16	0.18	1.7	73
604	496988	5465996	5	41.0	0.20	3.4	<2	0.77	14	35.9	40.1	32388	12.4	31	5.5	84	0.15	1.48	4.1	127
606	496825	5465353	2	46.9	0.09	2.6	<2	0.71	8	22.1	29.1	8549	3.4	25	5.4	56	0.10	0.57	4.7	70
607	496580	5465190	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
608	496519	5464266	19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
609	495994	5464019	3	31.9	0.13	2.2	<2	0.46	14	34.8	38.9	15388	7.5	30	4.3	88	0.09	1.05	2.3	94
610	495453	5465047	NM	42.4	0.16	2.6	<2	0.49	11	35.2	47.4	12976	11.2	26	5.8	93	0.13	0.56	2.7	79
611	496214	5465160	6	65.8	0.11	3.2	<2	0.60	7	16.1	31.3	17063	10.1	15	4.8	37	0.10	0.08	1.0	111
612	496411	5465712	5	12.5	0.06	2.0	<2	0.19	11	21.4	14.0	12452	1.9	15	4.7	32	0.09	2.64	1.0	44
613	495702	5466018	2	51.3	0.19	4.3	<2	0.48	17	37.5	47.0	16633	4.9	36	6.9	85	0.21	2.08	3.0	82
614	495181	5466305	4	28.0	0.15	2.6	<2	0.47	12	43.2	35.2	20584	3.8	41	8.7	103	0.13	1.74	2.3	96
616	495943	5467368	5	42.2	0.20	2.1	<2	0.36	4	19.4	29.5	9745	4.4	14	4.3	59	0.10	0.15	1.4	42
617	496545	5467808	5	60.0	0.24	3.6	<2	0.48	4	14.6	47.8	13929	4.2	15	4.4	35	0.12	0.06	1.0	78
618	496081	5466623	8	37.7	0.21	3.0	<2	0.54	11	36.5	40.5	15284	5.4	27	8.8	91	0.19	0.85	2.4	75
619	438305	5469789	12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
620	447848	5469078	3	72.6	0.08	2.4	<2	0.62	9	15.8	65.6	8476	1.5	20	3.3	21	0.14	0.41	0.8	94
621	453854	5470650	4	44.7	0.18	2.1	<2	0.33	10	24.0	42.1	15116	1.5	24	5.7	28	0.12	0.89	1.0	62
622	454636	5471667	3	61.0	0.09	1.8	<2	0.38	5	8.9	36.5	7213	1.6	12	2.8	16	0.11	0.74	0.8	51
623	457530	5472355	31	23.6	0.16	4.1	<2	0.29	10	44.3	52.2	23238	1.1	34	8.1	59	0.16	3.16	3.7	84
624	461413	5470005	3	32.1	0.17	2.8	<2	0.40	17	54.4	74.4	28393	1.3	48	7.7	67	0.12	6.13	2.9	94
626	461448	5469195	5	59.0	0.15	2.9	<2	0.40	6	18.2	48.4	18556	2.5	18	3.3	41	0.13	1.18	1.7	60
627	463937	5467296	5	50.5	0.16	2.1	<2	0.39	12	37.0	68.7	22300	1.5	34	7.0	42	0.17	3.62	1.3	94
628	468170	5467814	2	57.0	0.07	2.3	<2	0.35	7	11.3	33.2	6236	4.7	15	3.1	21	0.10	1.58	0.9	49
629	468833	5468388	2	56.6	0.17	2.4	<2	0.56	7	17.8	82.9	9495	15.2	18	4.2	58	0.14	1.17	1.8	61
630	470064	5468242	1	69.3	0.10	2.1	<2	0.53	6	16.8	46.9	6208	2.0	16	4.8	39	0.16	0.52	1.2	63
631	469357	5467806	1	69.3	0.08	1.6	<2	0.43	7	11.9	28.3	6257	1.3	11	3.3	17	0.11	0.14	0.7	57
632	470659	5467034	1	51.4	0.13	2.2	<2	0.42	7	14.5	46.5	5271	2.1	20	4.3	28	0.11	0.20	1.2	57
633	473807	5466320	9	25.3	0.20	2.9	<2	0.48	14	42.0	50.2	29027	2.0	30	10.2	107	0.14	3.88	2.9	87
634	473132	5466840	22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
636	472528	5466221	10	42.0	0.31	4.1	<2	0.68	15	41.7	71.3	19854	2.8	25	7.4	139	0.19	0.79	4.6	104
637	472688	5465090	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
638	475065	5466852	5	12.6	0.08	1.7	<2	0.23	14	30.2	22.6	16823	0.6	22	4.3	48	0.06	4.19	1.9	58
639	475243	5465916	5	19.2	0.14	3.0	<2	0.40	19	48.3	39.6	29812	1.0	41	7.2	81	0.10	7.08	2.7	113
640	474948	5464492	7	24.6	0.15	2.9	<2	0.39	15	49.0	39.7	25326	1.3	37	8.0	67	0.10	3.81	2.4	94
641	484802	5463610	3	35.0	0.18	2.4	<2	0.40	14	27.7	35.5	16853	2.0	32	6.1	102	0.11	1.41	4.8	89
642	489541	5467119	8	64.0	0.21	2.0	<2	0.55	4	18.4	58.7	14525	38.0	18	4.0	43	0.10	0.06	1.4	72
643	492097	5468135	6	40.1	0.18	2.4	<2	0.60	14	38.9	46.6	16437	15.9	32	5.4	82	0.12	0.68	2.4	83
644	491774	5467660	9	39.8	0.15	2.4	<2	0.60	10	34.0	42.1	11527	19.0	23	6.5	71	0.16	0.65	3.5	78
646	492014	5466927	6	61.5	0.09	INF	INF	0.62	INF	28.4	38.2	8532	4.3	27	4.	39	0.14	0.07	1.8	75
647	491003	5467208	2	35.9	0.11	2.5	<2	0.54	14	33.7	34.0	16331	19.3	30	4.7	75	0.10	1.39	3.5	81
648	491372	5466787	3	45.0	0.13	2.8	<2	0.61	12	31.6	38.9	13090	20.7	28	5.2	64	0.14	0.81	3.3	80
649	494895	5467434	5	35.3	0.15	3.0	<2	0.43	13	31.9	30.7	15594	3.9	23	5.4	65	0.14	0.66	1.9	68
650	494731	5466983	2	45.3	0.15	3.1	<2	0.40	13	27.9	30.9	12760	4.3	25	5.2	67	0.12	0.90	2.4	55
651	494291	5467385	22	47.2	0.21	5.0	<2	0.68	12	34.8	45.3	19583	21.0	25	11.3	86	0.28	0.98	5.3	72
652	494408	5466501	23	29.8	0.26	7.3	<2	0.99	44	47.1	55.2	57896	32.2	47	8.1	142	0.14	2.85	4.4	150
653	493178	5467047	9	16.2	0.11	3.3	<2	0.30	15	34.5	26.8	27449	9.7	28	4.6	80	0.08	3.49	2.4	90
654	494946	5465725	6	48.2	0.27	3.1	<2	0.43	15	31.7	58.8	18590	7.1	32	7.5	102	0.16	0.32	2.8	68
656	494395	5465677	10	42.8	0.12	3.2	<2	0.50	13	32.0	45.3	13708	3.6	30	6.2	60	0.17	0.44	1.7	79
657	493297	5465990	11	11.6	0.05	1.2	<2	0.23	12	20.8	14.6	18897	2.5	20	2.4	28	0.05	1.95	0.8	56
658	492500	5465995	2	55.6	0.13	3.1	<2	0.48	13	27.1	43.7	19884	8.0	31	3.8	52	0.13	0.25	1.4	78
659	491129	5465243	7	39.1	0.25	1.8	<2	0.31	5	22.2	33.1	11628	6.4	18	5.1	40	0.09	0.35	1.2	47
660	490976	5464417	7	41.4	0.30	3.2	<2	0.49	20	35.4	43.9	21946	4.8	28	7.2	92	0.15	1.15	2.1	85
661	491130	5463750	7	39.7	0.27	2.5	<2	0.55	17	36.2	43.5	17495	3.5	31	6.1	95	0.12	1.14	2.3	89
662	491639	5462915	2	34.8	0.17	1.9	<2	0.35	7	24.7	29.3	9230	1.0	21	5.4	40	0.12	0.47	1.7	44
663	494604	5464806	5	41.6	0.26	1.6	<2	0.52	10	34.8	58.0	12149	1.5	35	7.4	71	0.10	0.54	1.2	68
664	492802	5464756	1	33.2	0.14	1.6	<2	0.41	9	25.8	38.4	8252	2.0	27	4.1	56	0.08	0.36	1.1	47
666	492384	5464890	13	35.7	0.19	2.5	<2	0.47	16	38.9	40.4	17231	7.6	31	5.0	77	0.12	1.56	1.8	91
667	500076	5433034	3	54.4	0.06	INF	INF	0.45	INF	20.6	27.7	46813	16.6	23	4.0	37	0.13	3.36	1.8	77
668	499443	5432790	11	48.6	0.14	3.9	<2	0.47	8	36.1	51.1	17822	2.1	21	4.7	53	0.16	1.35	1.3	64
669	498808	5432534	3	53.4	0.11	3.6	<2	0.49	14	36.4	54.0	14954	1.1	23	4.6	30	0.11	2.01	1.0	70
670	499611	5431810	3	44.6	0.11	2.8	8	0.54	12	50.9	40.9	16021	0.9	28	5.9	37	0.13	1.76	1.0	84
671	498229	5431782	1	49.4	0.07	3.0	3	0.44	7	19.7	31.9	6831	0.8	18	5.1	20	0.12	1.60	0.7	45
672	497538	5431509	3	53.4	0.08	3.3	<2	0.47	10	26.6	38.3	9289	1.0	21	6.0	21	0.14	1.51	0.8	58
673	499359	5429953	2	62.0	0.09	1.6	<2	0.44	8	17.5	45.6	6260	1.2	17	2.6	23	0.11	1.17	0.7	53
674	498992	5428897	1	53.4	0.07	2.0	<2	0.53	8	14.0	38.2	4588	2.6	18	2.9	19	0.12	1.07	0.8	59
676	498416	5429317	19	34.6	0.11	3.4	5	0.41	10	44.7	42.6	15854	1.1	28	9.0	39	0.19	2.33	1.3	73
677	497019	5428504	2	38.5	0.12	2.0	<2	0.33	8	19.6	41.2	6637	1.2	19	3.5	34	0.11	0.47	1.0	42
678	495817	5427610	25	30.8	0.18	5.2	<2	0.64	14	48.2	49.4	21971	2.0	37	10.7	57	0.22	2.44	1.5	91
679	495520	5429026	13	10.4	0.07	5.0	<2	0.56	28	36.7	28.2	28223	1.8	41	7.8	60	0.14	4.35	1.7	97
680	493698	5427243	7	25.2	0.16	2.4	<2	0.32	11	47.3	36.6	15290	0.8	36	5.6	50	0.11	2.12	1.3	77
681	492928	5429007	2	34.0	0.12	3.4	<2	0.43	15	43.2	42.7	14133	1.2	37	4.8	87	0.11	0.41	3.2	80
682	493546	5430032	10	44.8	0.23	4.0	<2	0.51	15	48.5	53.0	21040	2.1	30	9.4	99	0.21	0.62	3.4	87
683	494926	5430654	1	58.7	0.09	3.1	<2	0.40	6	20.2	43.4	5626	1.3	28	4.0	27	0.14	1.00	0.8	51
684	494632	5431493	16	41.5	0.15	4.9	<2	0.64	10	33.6	58.3	14044	1.7	29	9.9	40	0.26	1.65	1.3	68

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
686	494571	5430559	20	40.9	0.19	5.9	<2	0.68	13	41.1	67.9	24778	2.1	36	7.9	48	0.23	2.40	1.4	82
687	493984	5431391	3	67.3	0.08	3.7	<2	0.28	7	15.0	54.5	8763	2.7	24	3.4	31	0.12	1.19	0.9	52
688	492799	5430774	2	57.1	0.07	2.1	<2	0.27	5	20.9	30.9	3151	1.2	18	3.9	56	0.12	0.25	2.6	13
689	491905	5430299	5	30.9	0.11	2.9	<2	0.54	18	51.9	47.6	16083	1.1	45	5.1	82	0.12	1.42	3.9	86
690	491581	5431069	2	58.6	0.18	4.2	<2	0.44	17	39.6	62.5	10939	2.2	34	4.6	92	0.21	0.37	4.6	63
691	492098	5431921	19	38.0	0.18	3.8	<2	0.59	12	48.8	63.2	15915	1.8	31	8.9	87	0.25	1.26	4.6	76
692	491043	5431871	9	60.8	0.20	5.4	9	0.50	10	30.5	58.0	19790	2.3	23	6.1	79	0.23	0.26	2.2	68
693	490346	5430937	3	35.6	0.15	3.2	<2	0.49	14	45.4	43.6	QC	1.0	QC	5.4	95	0.12	0.73	2.2	QC
694	489374	5431173	6	34.3	0.13	5.9	<2	0.53	18	51.8	56.4	21449	1.2	38	5.3	107	0.19	2.17	2.5	103
696	488044	5427747	3	56.5	0.11	4.3	<2	0.57	10	35.1	42.8	8844	1.4	24	4.5	67	0.18	0.06	1.6	87
697	487198	5428535	2	48.6	0.21	3.9	<2	0.46	12	37.3	43.3	15001	1.3	40	4.7	96	0.19	0.39	2.7	99
698	488389	5430010	3	50.6	0.11	3.3	<2	0.43	7	31.5	37.5	9526	1.1	24	5.2	72	0.16	0.10	2.3	57
699	487862	5429406	2	48.7	0.10	4.0	<2	0.50	10	56.4	41.3	12419	1.1	28	5.2	77	0.15	0.19	2.3	77
700	489604	5432511	2	55.4	0.11	3.1	<2	0.42	5	24.2	42.5	7214	0.8	20	4.2	39	0.14	0.10	1.3	49
701	464181	5445457	6	56.6	0.12	6.5	<2	0.50	9	12.2	41.6	14100	2.3	19	4.0	24	0.18	0.86	1.0	81
702	464901	5446716	13	43.2	0.17	10.0	<2	0.46	13	22.8	74.6	27623	1.7	34	7.5	47	0.21	2.97	1.5	98
703	464093	5446626	10	61.8	0.14	7.3	<2	0.50	9	16.7	56.2	10967	1.9	21	4.4	29	0.19	1.56	1.4	72
704	464763	5447504	11	48.0	0.08	5.1	<2	0.68	10	22.2	36.8	12492	1.2	20	6.8	22	0.19	1.30	0.8	105
706	465258	5448541	23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
707	464158	5449105	5	63.3	0.16	6.1	<2	0.57	12	19.5	75.3	20014	2.0	24	3.4	31	0.17	1.27	0.9	112
708	464748	5449779	7	65.9	0.10	4.6	<2	0.38	7	9.6	49.9	8259	2.0	16	9.2	19	0.23	0.25	0.7	55
709	464074	5450244	2	59.1	0.13	3.3	<2	0.45	9	20.9	56.8	8798	1.0	24	3.7	36	0.09	0.91	0.7	53
710	445890	5461281	2	70.8	0.08	2.7	<2	0.39	6	13.4	23.9	6989	1.8	15	2.9	12	0.14	0.84	0.9	50
711	444895	5462437	3	53.8	0.10	3.7	<2	0.32	11	28.3	46.8	16757	1.7	33	6.2	28	0.20	3.67	1.4	72
712	435058	5464956	4	47.3	0.13	6.5	<2	0.52	15	34.3	71.3	30914	1.6	39	7.2	40	0.19	4.25	1.2	99
713	433283	5466104	3	56.9	0.09	3.3	<2	0.45	14	18.8	44.8	9487	1.6	23	4.3	20	0.15	2.21	1.1	96
714	455332	5468950	21	19.1	0.14	6.7	<2	0.49	18	46.6	51.7	33899	0.7	48	22.9	40	0.41	6.17	1.5	94
716	459680	5470089	8	57.9	0.20	4.3	<2	0.59	6	18.2	61.8	11234	2.9	16	11.8	37	0.28	0.10	0.9	83
717	461591	5468323	4	41.3	0.14	3.1	<2	0.47	12	33.1	69.6	16314	1.6	34	5.6	55	0.12	2.47	2.3	79
718	462142	5468160	6	39.1	0.15	3.6	<2	0.41	13	33.6	66.1	15606	1.7	33	5.8	54	0.15	1.77	2.2	75
719	462869	5468318	8	33.0	0.13	3.5	<2	0.32	8	25.2	49.3	17262	2.3	25	6.0	65	0.15	2.25	1.5	72
720	462982	5468961	7	29.4	0.16	3.5	<2	0.36	13	46.7	65.7	25334	1.5	43	7.7	80	0.15	6.95	2.7	105
721	466898	5465338	3	58.6	0.15	4.1	<2	0.27	9	28.0	77.1	14218	3.8	41	4.9	56	0.16	4.95	2.1	54
722	467202	5466392	15	33.9	0.32	12.0	<2	0.91	15	37.0	77.8	34353	2.2	40	36.2	87	0.60	4.72	2.1	119
723	469088	5466363	4	37.2	0.34	2.2	<2	0.39	13	26.5	64.0	18160	1.8	26	5.5	70	0.11	1.68	2.0	75
724	494048	5463807	2	56.3	0.15	2.5	<2	0.56	15	19.8	77.5	6317	1.8	32	5.2	62	0.15	0.12	1.1	46
726	494956	5463813	1	58.1	0.12	2.9	<2	0.50	9	20.1	61.5	4822	1.7	28	6.7	39	0.16	0.17	1.0	48
727	495333	5463717	2	60.7	0.13	2.2	<2	0.48	10	21.0	53.4	6443	1.8	25	5.3	46	0.17	0.08	1.0	57
728	497392	5459216	15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
729	498693	5459636	10	41.9	0.28	6.7	<2	0.56	11	27.8	79.6	14422	19.6	32	6.7	80	0.34	2.03	7.5	74
730	499322	5461163	18	44.9	0.70	7.0	<2	0.68	34	30.8	35.2	38678	16.4	23	36.7	125	0.26	2.11	29.6	99
731	496661	5461351	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
732	496944	5462189	1	34.6	0.52	2.0	<2	0.39	6	28.5	27.8	8283	1.3	17	18.2	43	0.12	0.12	52.1	27
733	497256	5462740	1	60.1	0.11	3.2	<2	0.52	6	15.0	18.5	15479	4.8	13	8.1	33	0.12	0.19	11.3	67
734	496715	5455810	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
736	496765	5455955	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
737	496901	5457144	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
738	497892	5458081	10	61.5	0.09	10.0	<2	0.37	9	19.2	91.0	9726	7.2	46	4.6	40	0.34	1.88	2.9	68
739	496130	5459696	7	43.5	0.20	4.0	<2	0.54	13	33.8	76.6	13004	2.5	34	5.1	60	0.19	0.58	1.5	93
740	496251	5460095	4	59.0	0.24	4.1	<2	0.66	15	29.9	80.9	15548	9.0	34	5.3	58	0.16	0.10	1.6	106
741	495597	5461858	10	47.5	0.20	4.4	<2	0.65	21	22.3	39.8	20308	1.6	24	19.8	46	0.28	0.46	0.8	81
742	495685	5462551	6	41.3	0.17	4.5	<2	0.66	21	44.1	62.1	31036	3.6	31	9.8	73	0.23	1.11	1.5	107
743	493940	5455630	6	71.3	0.08	2.7	<2	0.48	7	18.9	74.1	11654	1.2	22	3.4	18	0.13	0.11	0.7	74
744	493891	5455773	4	77.8	0.06	2.8	<2	0.46	7	14.8	73.1	3857	1.2	27	3.8	11	0.15	0.68	0.5	53
746	494428	5456239	2	36.3	0.09	1.8	<2	0.43	9	17.6	50.9	7297	0.8	20	3.1	25	0.08	0.27	0.9	54
747	494360	5457843	1	52.2	0.07	2.5	<2	0.62	8	18.6	36.8	6916	0.7	22	7.6	30	0.15	0.10	0.9	46
748	493916	5458389	5	45.4	0.18	3.8	<2	0.87	19	34.0	70.5	18243	1.4	30	5.1	74	0.16	0.59	1.4	123
749	494413	5458746	4	47.6	0.17	2.3	<2	0.51	8	23.9	53.3	7594	2.4	22	5.4	39	0.15	0.10	1.1	70
750	494982	5459376	4	54.5	0.14	2.5	3	0.43	4	8.3	36.9	5635	1.3	15	5.2	19	0.15	0.07	0.6	43
751	493876	5460693	4	68.0	0.09	2.6	<2	0.44	10	12.5	33.5	9230	1.5	21	3.8	26	0.13	0.06	0.8	67
752	493518	5461611	10	56.9	0.17	3.1	<2	0.52	10	21.5	57.7	14173	2.1	23	4.9	43	0.16	0.12	1.0	75
753	494872	5462110	6	41.5	0.08	1.3	<2	0.36	8	19.0	27.2	8781	0.8	14	3.6	18	0.07	0.33	0.6	54
754	493908	5462914	4	66.2	0.28	1.9	<2	0.52	7	15.1	53.1	6895	5.2	20	3.5	22	0.09	0.02	0.7	70
756	492845	5458251	4	48.1	0.17	2.6	<2	0.72	15	28.8	66.3	14686	1.2	27	5.0	59	0.12	0.16	1.1	88
757	493304	5456168	8	39.8	0.17	2.6	<2	0.56	12	28.6	54.6	14712	0.8	24	5.6	40	0.12	0.91	0.9	91
758	492453	5456330	15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
759	495208	5448288	30	27.8	0.15	15.0	5	0.59	13	46.2	70.0	23936	1.8	40	16.9	37	0.52	2.76	3.4	93
760	498349	5434271	10	40.8	0.19	15.0	<2	1.11	13	31.7	48.0	50436	2.8	26	52.7	44	0.69	2.79	1.2	106
761	495390	5434141	8	42.5	0.17	4.8	<2	0.64	12	35.8	56.9	14988	2.2	30	8.2	39	0.19	2.56	1.4	86
762	495319	5434876	2	36.8	0.11	2.6	<2	0.39	8	12.9	41.6	9234	2.2	22	3.4	18	0.12	1.36	0.8	57
763	494133	5434090	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
764	494685	5435754	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
766	494765	5437135	15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
767	494863	5438075	1	61.5	0.07	INF	INF	0.48	INF	13.1	32.7	3827	3.9	19	3.7	13	0.14	1.22	0.5	74
768	496272	5439035	4	44.5	0.42	23.0	5	0.65	27	45.9	113.5	70402	10.5	67	23.3	50	0.44	2.76	0.9	94
769	496797	5439397	25	43.3	0.40	10.0	<2	0.95	15	20.8	117.3	72385	23.4	26	21.9	47	0.42	2.84	0.7	112
770	498685	5439644	4	40.9	0.16	2.6	<2	0.50	6	16.2	62.6	4558	2.5	17	5.8	40	0.18	0.12	1.1	43

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
771	499629	5440392	5	34.9	0.10	4.2	<2	0.52	9	23.1	59.7	11296	8.2	27	6.7	41	0.17	1.29	3.0	56
772	499214	5441288	12	51.7	0.22	2.6	<2	0.41	7	13.3	97.2	11135	13.4	16	3.1	34	0.15	0.12	0.8	52
773	498550	5440258	30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
774	497667	5440053	2	53.9	0.23	2.8	3	0.85	9	19.1	131.7	6199	90.9	20	8.5	23	0.22	0.26	0.9	69
776	497176	5440216	17	32.3	0.28	4.3	<2	0.65	14	48.2	142.1	18579	24.3	31	13.0	36	0.28	2.56	1.2	71
777	497044	5441620	20	26.8	0.53	3.0	8	0.40	15	46.4	154.6	19369	6.0	33	6.9	51	0.14	1.70	1.3	82
778	497793	5441469	20	15.8	0.31	9.2	<2	0.42	27	41.2	109.8	21295	21.8	35	6.5	47	0.16	3.58	1.3	85
779	497982	5442227	5	40.4	0.53	2.9	4	0.92	21	31.2	177.1	12588	17.3	29	5.9	46	0.15	0.39	1.1	92
780	498728	5442901	3	60.2	0.19	3.2	<2	0.57	11	19.8	85.5	9250	21.0	21	5.9	27	0.21	0.06	0.6	67
781	495582	5440324	7	48.3	0.23	4.5	4	0.59	13	22.1	102.5	12750	4.3	25	5.8	31	0.14	0.26	0.7	91
782	496457	5441059	5	59.9	0.32	3.9	<2	0.60	11	21.0	109.6	17643	10.3	23	4.9	23	0.17	0.18	0.8	81
783	496354	5441407	2	62.7	0.22	INF	INF	0.40	INF	21.5	108.4	8055	10.1	23	3.6	25	0.16	1.56	0.7	56
784	496161	5441778	4	64.8	0.15	INF	INF	0.51	INF	21.7	63.0	12177	6.5	22	12.1	24	0.25	0.24	0.6	58
786	497105	5443055	6	61.7	0.21	7.3	<2	0.65	9	19.0	65.5	14368	7.2	20	14.8	28	0.52	0.12	0.7	88
787	497379	5443615	5	68.0	0.17	2.6	<2	0.42	4	9.6	55.9	4067	6.6	15	2.6	20	0.20	0.19	0.6	51
788	497110	5443790	6	72.7	0.10	3.2	<2	0.47	5	11.3	35.5	11920	5.6	12	4.6	15	0.18	0.08	0.5	60
789	495612	5441436	6	54.2	0.14	4.9	6	0.58	13	27.0	56.5	13653	2.3	24	5.1	39	0.19	0.35	1.3	83
790	495382	5442453	8	58.9	0.07	2.6	<2	0.55	5	15.3	22.2	8338	1.8	15	4.3	32	0.13	0.03	1.7	61
791	496081	5443243	7	64.9	0.13	5.2	5	0.64	14	27.4	59.6	8938	7.1	29	5.4	34	0.24	1.09	2.5	93
792	495810	5443977	8	54.4	0.12	5.5	<2	0.35	10	28.6	42.0	14157	2.8	25	5.4	36	0.26	0.41	2.0	68
793	496106	5444662	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
794	495548	5445115	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
796	492435	5445181	3	68.9	0.09	18.0	4	0.51	9	12.6	40.9	5693	2.4	14	4.3	22	0.33	0.18	2.7	66
797	492228	5446063	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
798	490852	5446876	15	40.9	0.10	7.1	<2	0.61	10	25.3	46.8	14603	3.4	26	16.5	24	0.51	1.59	1.4	66
799	490685	5447332	1	48.1	0.06	3.6	<2	0.31	7	21.4	45.6	12360	2.2	28	4.1	35	0.09	2.05	0.8	50
800	490066	5448515	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
801	489639	5450028	6	21.7	0.09	2.8	<2	0.29	14	39.4	40.3	17638	1.2	32	4.4	30	0.10	2.61	1.2	68
802	487056	5451294	25	40.2	0.26	5.8	<2	0.74	11	33.8	61.2	18410	2.0	24	21.8	74	0.35	0.83	2.6	81
803	486931	5452217	30	35.4	0.21	7.8	<2	0.54	14	43.2	52.4	38000	5.9	29	12.4	83	0.26	1.64	3.1	108
804	485719	5453525	4	39.1	0.17	3.5	<2	0.47	19	37.1	42.2	16407	1.6	33	4.6	106	0.13	1.31	3.3	101
806	485315	5453737	8	44.2	0.24	2.6	<2	0.48	11	33.8	41.9	15128	1.7	25	6.2	99	0.15	0.78	2.8	80
807	485403	5454788	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
808	482040	5454187	7	54.6	0.11	3.3	<2	0.53	14	29.8	30.8	13683	1.6	27	6.4	58	0.14	0.67	2.2	84
809	481754	5454792	NM	55.6	0.16	2.8	<2	0.50	13	36.6	44.7	14212	1.6	33	4.5	86	0.15	0.96	2.3	84
810	480202	5455909	3	31.2	0.11	1.9	<2	0.26	6	22.2	23.9	6743	0.7	20	5.2	40	0.11	0.33	4.2	54
811	479452	5455984	NM	34.3	0.17	1.8	<2	0.26	6	24.6	28.4	8229	0.7	21	5.3	45	0.08	0.37	3.8	53
812	452054	5467232	3	71.0	0.10	2.3	<2	0.47	8	11.0	89.1	8312	2.3	17	3.1	12	0.10	0.62	0.6	90
813	452094	5467720	4	76.2	0.08	2.5	<2	0.54	7	11.2	63.1	5687	2.1	17	2.4	11	0.10	0.52	0.6	97
814	450517	5467903	3	50.4	0.23	3.3	<2	0.40	10	30.4	77.2	15318	2.2	51	5.8	37	0.18	1.88	1.3	80
816	450344	5469061	4	48.0	0.07	2.8	<2	0.30	11	32.5	41.4	15944	1.3	47	7.0	28	0.14	4.52	1.2	86
817	449846	5469576	4	28.1	0.07	3.6	<2	0.35	15	85.0	43.9	19621	3.9	43	10.1	34	0.18	5.29	1.2	78
818	449108	5470572	12	20.2	0.09	2.2	<2	0.25	15	43.3	43.1	22183	0.5	43	7.2	37	0.09	5.73	1.5	82
819	443122	5468842	25	21.5	0.14	6.3	4	0.44	24	59.9	67.8	47935	1.4	63	13.0	59	0.18	6.60	3.6	124
820	451143	5470492	4	24.8	0.10	3.1	<2	0.37	15	44.6	78.6	23152	1.7	52	7.5	40	0.11	5.92	2.0	87
821	452176	5470125	13	24.4	0.14	3.7	<2	0.34	15	52.2	55.3	26731	0.6	50	11.4	42	0.16	5.50	1.8	99
822	454208	5469759	13	24.6	0.14	3.5	<2	0.33	17	51.4	58.4	27785	0.6	51	11.2	47	0.16	5.53	2.3	104
823	458112	5469225	3	54.3	0.13	2.3	<2	0.41	8	18.2	39.3	8760	1.8	19	3.4	30	0.12	0.27	0.9	74
824	465535	5465812	3	53.5	0.12	3.5	3	0.33	9	24.9	64.5	13165	2.2	32	6.5	41	0.15	2.79	1.7	57
826	466331	5464744	4	55.9	0.21	3.1	<2	0.42	12	26.3	65.5	12505	2.5	29	5.2	42	0.17	0.75	2.2	70
827	471014	5465052	18	24.9	0.18	9.1	<2	1.05	34	51.1	71.5	31718	4.2	66	11.7	138	0.19	5.83	5.3	191
828	469427	5464181	25	15.0	0.12	7.6	<2	0.28	22	38.6	40.7	31098	5.3	39	8.1	46	0.16	7.31	2.5	86
829	467637	5463711	11	27.9	0.18	3.8	<2	0.43	13	44.5	63.2	20339	2.0	37	7.6	81	0.12	3.67	3.5	113
830	471081	5463966	2	48.0	0.13	2.8	<2	0.36	8	23.1	38.5	7661	1.2	21	5.8	39	0.14	0.29	1.4	55
831	473376	5463500	2	30.6	0.10	4.3	<2	0.25	13	30.8	53.2	17511	3.5	43	6.3	40	0.15	6.25	2.3	70
832	484991	5462718	12	42.8	0.25	3.8	<2	0.52	13	37.9	39.8	23553	4.3	24	8.7	111	0.17	0.95	4.0	95
833	486103	5463066	5	50.6	0.21	3.3	<2	0.65	14	36.2	44.3	13066	2.9	22	6.4	107	0.22	0.57	3.9	99
834	487257	5462966	3	46.8	0.14	2.1	<2	0.40	8	22.1	32.8	7802	0.9	21	4.1	64	0.09	0.24	2.6	50
836	487001	5462575	7	52.4	0.19	2.7	3	0.37	6	26.9	39.9	18690	2.0	21	4.9	67	0.13	0.43	1.7	70
837	488235	5462407	2	38.4	0.17	5.0	<2	0.42	14	26.7	57.2	15358	3.4	34	5.6	52	0.23	4.56	4.0	75
838	488578	5461921	8	32.8	0.22	2.3	<2	0.45	13	34.7	32.4	15286	0.8	30	6.5	81	0.09	1.31	2.1	91
839	491660	5461710	4	51.6	0.33	3.2	<2	0.40	6	21.4	51.9	14214	2.7	17	4.8	42	0.12	0.20	1.3	71
840	492769	5462273	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
841	492302	5461310	2	41.7	0.13	1.6	<2	0.40	8	21.0	37.3	6746	1.0	19	4.1	36	0.09	0.18	1.0	51
842	491158	5458951	2	37.4	0.12	2.0	<2	0.43	11	19.1	48.6	6863	1.0	25	4.8	44	0.09	0.16	1.1	50
843	490881	5459259	3	24.3	0.09	1.3	<2	0.31	12	27.5	25.3	11317	0.5	21	4.5	26	0.05	0.70	0.8	64
844	489786	5459490	4	43.8	0.36	2.3	<2	0.43	8	30.6	53.5	10875	1.2	25	5.4	102	0.16	1.06	2.6	71
846	489931	5458967	4	40.5	0.21	2.1	<2	0.48	11	28.7	38.5	12149	1.0	21	5.6	47	0.08	0.60	1.1	80
847	490445	5458434	10	46.1	0.42	3.2	<2	0.34	17	30.4	66.7	25607	1.9	28	7.2	84	0.13	0.90	1.9	64
848	488998	5460823	20	33.5	0.21	3.6	<2	0.40	17	40.2	40.1	22223	1.5	31	7.0	85	0.12	1.68	2.6	89
849	488001	5461072	17	33.6	0.23	4.0	<2	0.44	19	43.2	46.5	27359	2.2	33	7.4	105	0.13	2.21	3.2	108
850	488406	5460375	7	36.7	0.18	2.5	<2	0.50	9	34.6	49.6	11103	1.0	28	5.0	82	0.11	0.85	2.5	93
851	488727	5458579	20	30.6	0.20	6.6	<2	0.72	49	41.2	44.9	68620	5.0	44	9.1	110	0.15	3.68	3.1	159
852	489476	5457418	20	49.3	0.36	3.8	<2	0.41	27	31.4	86.1	39725	2.6	28	7.4	90	0.13	1.43	2.5	81
853	488929	5456365	8	41.9	0.24	3.4	<2	0.63	12	41.2	66.8	14882	2.9	31	5.9	99	0.19	1.17	3.2	103
854	488960	5455776	2	41.1	0.12	10.0	<2	0.49	21	24.9	53.4	17806	3.8	37	4.9	42	0.20	3.74	2.9	82
856	488073	5455436	4	34.6	0.15	2.3	<2	0.49	14	29.7	34.6	14006	1.2	27	5.9	59	0.11	1.12	1.8	79

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
857	491525	5455325	4	62.3	0.12	INF	INF	0.44	INF	15.6	78.0	11849	1.4	26	3.4	26	0.12	0.50	1.1	61
858	493171	5455353	4	65.0	0.12	2.6	<2	0.51	9	18.9	104.2	13651	1.4	26	2.7	18	0.09	1.13	0.8	74
859	499709	5453385	3	58.9	0.14	29.0	5	0.48	18	30.3	75.2	18845	1.9	43	3.8	17	0.26	0.98	0.6	125
860	498406	5452719	5	56.4	0.15	49.0	4	0.54	13	22.1	77.0	22034	1.5	28	3.4	24	0.35	0.54	0.8	106
861	500037	5451492	6	59.1	0.16	5.5	<2	0.51	12	26.8	55.9	9037	4.8	31	7.1	46	0.31	0.26	3.0	82
862	499450	5451322	5	54.1	0.17	4.7	4	0.55	12	30.6	53.6	11595	4.5	33	5.3	45	0.23	0.40	2.9	94
863	498781	5450816	13	48.6	0.24	7.9	4	0.57	13	31.8	59.5	18106	8.4	30	7.3	57	0.28	0.49	2.9	106
864	498114	5450513	35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
866	496980	5450257	15	29.0	0.10	17.0	<2	0.38	16	38.6	72.4	23021	4.6	43	6.6	32	0.54	4.61	3.7	85
867	499317	5450198	3	55.4	0.18	5.2	3	0.44	14	31.8	49.2	12271	8.2	36	5.9	49	0.23	0.43	2.8	81
868	499891	5450174	3	46.0	0.18	5.1	4	0.44	11	27.8	43.9	12528	1.9	33	6.0	58	0.19	0.51	3.3	76
869	493483	5435721	7	46.3	0.11	49.0	<2	0.57	10	21.1	85.9	38312	1.5	27	5.3	29	0.36	1.99	0.6	133
870	495211	5447163	41	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
871	495512	5446663	3.5	56.1	0.13	11.0	<2	0.67	14	26.9	78.5	13543	1.1	24	3.8	20	0.24	1.25	0.8	101
872	494975	5446293	15	49.9	0.15	53.6	<2	0.74	13	22.7	111.0	36224	2.0	30	5.5	31	0.51	2.07	0.8	175
873	494890	5445203	11	61.2	0.14	22.0	4	0.52	15	18.2	46.0	29782	38.0	22	9.4	41	0.33	0.29	1.0	94
874	495193	5444810	3	68.1	0.13	INF	INF	0.35	INF	15.6	57.5	8126	11.6	18	3.1	44	0.18	0.63	2.2	45
876	494580	5444068	18	46.3	0.19	14.0	5	0.74	11	27.7	48.2	19626	5.1	24	32.0	63	0.66	0.69	3.3	97
877	494578	5444063	6	56.7	0.18	8.3	<2	0.55	18	34.1	73.7	18471	9.4	47	4.9	66	0.29	2.63	5.9	127
878	494244	5442803	3	54.4	0.23	5.9	<2	0.47	11	23.1	43.9	15796	4.3	25	6.2	59	0.21	0.15	4.2	87
879	494872	5442364	14	57.9	0.30	9.5	<2	0.53	40	27.9	54.3	39438	4.7	27	13.7	84	0.34	0.98	3.0	87
880	494484	5441703	2	53.9	0.12	4.5	<2	0.44	12	19.0	34.2	23373	2.7	26	5.0	56	0.19	0.65	3.3	84
881	494710	5441353	11	60.9	0.18	5.8	<2	0.48	8	21.8	40.9	14802	3.1	19	8.1	56	0.24	0.12	2.9	73
882	494737	5440900	5	65.4	0.10	3.9	4	0.49	10	19.1	50.4	9924	1.4	21	4.1	15	0.18	0.23	0.6	71
883	493935	5439643	4	60.3	0.20	5.8	<2	0.44	11	19.4	58.0	11121	4.1	20	4.0	52	0.20	0.08	1.7	84
884	493663	5438528	4	55.7	0.12	8.0	<2	0.49	14	26.9	74.5	20432	2.0	28	7.1	23	0.22	0.92	0.8	72
886	493218	5437885	7	64.7	0.08	6.8	3	0.34	12	17.0	84.0	10975	2.4	22	2.9	13	0.26	0.79	1.0	63
887	494117	5437716	4	36.6	0.17	4.8	<2	0.54	16	31.7	68.9	19327	1.8	32	7.0	29	0.15	1.61	1.0	74
888	499953	5446589	7	17.3	0.07	4.4	4	0.27	12	35.4	25.6	18589	0.9	31	6.4	42	0.14	2.68	2.2	69
889	499722	5445218	2	44.7	0.19	5.5	<2	0.62	8	19.6	61.6	7779	4.6	22	5.2	45	0.23	0.13	1.4	68
890	498979	5446265	8	32.8	0.14	5.6	4	0.48	12	39.5	47.8	16457	1.4	33	9.0	53	0.25	1.66	2.9	73
891	499060	5445417	1	55.8	0.12	4.8	<2	0.79	12	30.9	59.8	10894	2.2	46	5.6	69	0.20	4.38	4.1	91
892	499781	5447448	5	60.5	0.22	4.1	<2	0.44	6	11.7	46.6	11359	1.8	19	4.1	57	0.19	0.05	3.0	74
893	499130	5449484	2	62.8	0.18	7.1	<2	0.61	16	37.3	69.0	12242	8.1	55	5.4	82	0.29	3.59	4.6	111
894	499346	5449113	2	61.5	0.10	3.2	3	0.65	8	21.4	34.3	7427	1.2	24	8.3	40	0.18	0.26	3.6	53
896	499399	5448250	9	66.6	0.12	6.8	<2	0.74	17	28.5	65.0	11558	3.2	55	8.3	90	0.31	3.51	4.5	107
897	499214	5447794	NM	43.6	0.17	4.8	<2	0.53	11	27.6	44.9	13932	1.6	26	8.2	57	0.22	0.56	3.5	84
898	498432	5447079	3	70.9	0.12	7.0	<2	0.60	10	22.0	78.9	7641	3.9	61	3.6	56	0.22	3.38	4.5	84
899	497912	5446511	11	65.3	0.14	5.5	3	0.53	8	19.3	46.2	15367	1.7	20	5.0	34	0.24	0.06	1.5	101
900	498236	5446251	25	25.8	0.13	8.9	<2	0.35	16	37.8	39.3	28100	2.5	35	7.8	57	0.18	2.46	3.5	94
901	498394	5445673	28	31.4	0.19	14.0	<2	0.70	31	47.4	53.0	54371	4.5	47	15.6	77	0.28	3.69	5.1	147
902	497653	5445401	30	35.8	0.20	7.4	5	0.60	9	38.4	51.8	17832	1.6	32	17.3	56	0.33	0.99	3.7	84
903	498383	5449598	4	46.7	0.18	5.8	<2	0.58	16	41.2	49.9	21523	7.2	43	6.1	75	0.24	1.69	4.0	116
904	498266	5448403	9	49.9	0.19	10.0	<2	0.62	13	36.0	56.5	14147	13.0	32	9.8	56	0.31	0.72	3.5	109
906	497554	5449402	6	43.9	0.19	6.9	4	0.56	11	37.8	55.6	14834	5.4	35	6.7	51	0.24	0.87	3.6	101
907	497707	5448350	1	53.3	0.13	13.0	7	0.58	14	35.0	58.6	13815	7.8	35	5.4	51	0.21	1.85	3.4	90
908	497184	5447745	1	72.9	0.10	14.0	<2	0.58	8	12.2	81.3	9112	11.0	17	2.3	11	0.17	0.71	0.5	100
909	497210	5447114	1	60.0	0.14	4.3	4	0.41	8	16.4	69.7	5513	5.2	20	4.1	30	0.21	0.88	2.8	52
910	496944	5446482	2	59.8	0.16	14.0	<2	0.65	12	20.5	79.3	12720	21.0	22	3.6	29	0.28	0.44	2.2	96
911	496740	5445700	3	60.3	0.14	7.8	<2	0.55	7	18.6	80.2	11846	12.6	19	5.4	21	0.25	0.32	2.4	67
912	496369	5447839	7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
913	496134	5447054	14	66.1	0.11	13.0	<2	0.71	11	19.3	78.0	15263	1.2	20	11.4	21	0.33	0.93	0.9	89
914	495515	5446667	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
916	494084	5446190	1	71.3	0.15	22.0	<2	0.59	18	17.5	78.0	7562	2.0	25	2.4	12	0.31	0.90	0.5	82
917	482766	5450279	12	42.6	0.11	2.6	<2	0.61	13	29.3	30.9	13424	1.2	21	7.8	55	0.15	0.86	1.7	89
918	482243	5448680	7	45.6	0.14	2.7	<2	0.46	12	25.3	30.5	15771	1.2	18	8.5	49	0.17	0.71	1.5	71
919	482203	5447888	27	20.0	0.09	5.2	<2	0.31	13	33.7	33.5	18802	1.7	26	7.6	44	0.15	2.91	1.6	82
920	460155	5457398	10	52.1	0.17	3.2	<2	0.50	4	13.7	52.8	13564	2.2	12	8.0	38	0.17	0.08	2.1	65
921	459181	5456883	4	55.6	0.29	2.6	<2	0.41	4	13.0	41.4	6475	1.2	11	3.2	71	0.14	0.07	4.1	58
922	432325	5468602	19	28.2	0.13	5.7	<2	0.40	14	45.8	58.0	23137	2.0	42	11.3	47	0.24	6.25	2.1	103
923	433112	5466957	15	30.9	0.15	5.4	<2	0.51	15	42.3	65.4	23372	3.5	43	10.5	48	0.25	6.29	1.8	100
924	430200	5464625	5	55.8	0.10	4.7	4	0.39	14	22.0	56.3	14886	1.6	27	5.9	30	0.14	2.65	1.3	83
926	430310	5463245	3	53.6	0.11	3.5	<2	0.40	16	28.7	59.4	16007	1.8	32	5.9	28	0.17	3.45	1.5	94
927	430219	5462448	1	65.0	0.05	3.2	<2	0.37	6	6.9	20.8	2598	1.3	7	4.1	11	0.09	0.71	0.6	53
928	430017	5459904	1	62.9	0.08	3.3	<2	0.40	11	14.7	57.9	12735	2.1	24	3.8	21	0.11	1.98	1.1	71
929	435234	5449141	4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
930	435519	5448461	1	73.8	0.10	2.5	<2	0.46	7	14.7	39.4	6602	1.3	11	3.2	14	0.10	0.58	0.6	58
931	437075	5448093	23	19.3	0.13	6.4	<2	0.28	22	73.6	75.8	42596	0.9	67	12.4	49	0.18	8.48	1.6	128
932	436206	5447804	6	33.7	0.08	4.2	<2	0.40	15	45.5	72.4	24047	1.6	47	7.1	31	0.14	5.78	1.5	96
933	435330	5447592	11	51.8	0.11	3.9	<2	0.40	26	35.2	63.1	32152	1.8	36	4.3	31	0.11	2.15	0.8	117
934	436386	5446741	2	65.1	0.07	2.9	<2	0.35	6	15.1	40.5	4183	1.3	12	3.5	13	0.12	0.84	0.6	45
936	436478	5445875	17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
937	435919	5446000	5	69.4	0.09	2.5	<2	0.43	7	17.0	51.2	11367	2.0	20	2.4	16	0.09	0.41	0.5	100
938	437934	5444670	3	54.9	0.10	2.7	<2	0.41	12	18.6	48.1	13056	1.5	24	3.1	22	0.10	0.14	0.5	71
939	440900	5444923	6	58.7	0.25	2.1	<2	0.58	13	12.7	120.3	12434	2.3	17	3.1	24	0.10	0.08	0.6	88
940	441191	5444294	2	62.4	0.19	2.9	<2	0.44	18	24.4	100.8	14340	4.8	21	3.7	29	0.17	0.26	0.8	70
941	441635	5444484	1	64.0	0.20	2.7	<2	0.45	17	23.4	83.9	13426	3.4	20	3.8	31	0.12	1.02	0.7	67

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
942	441661	5443447	1	68.4	0.14	2.6	<2	0.39	10	12.0	53.6	4423	3.1	19	5.0	25	0.13	0.50	0.7	44
943	441687	5442947	2	63.4	0.15	2.8	<2	0.53	12	20.4	66.3	5770	2.5	23	4.0	21	0.15	0.17	0.7	74
944	442378	5442633	5	68.9	0.10	2.4	<2	0.39	4	11.5	49.3	9999	2.0	12	2.7	15	0.10	0.28	0.5	50
946	442331	5441152	1	65.7	0.20	2.6	3	0.37	8	17.3	127.8	6157	2.9	28	2.7	34	0.14	1.56	1.1	50
947	447189	5439731	1	60.9	0.06	3.8	<2	0.37	6	12.6	25.3	5354	1.5	17	5.5	15	0.15	1.23	0.5	51
948	447643	5438751	10	54.5	0.18	3.4	<2	0.50	10	20.1	86.2	8433	1.4	28	3.5	36	0.14	1.75	1.3	64
949	449921	5436958	2	57.2	0.18	2.9	<2	0.51	12	15.3	91.3	9481	13.0	19	2.6	23	0.11	0.71	0.7	56
950	450089	5436789	2	49.0	0.26	5.8	<2	0.68	16	21.2	114.1	18098	50.0	27	3.6	29	0.17	0.80	0.8	85
951	449382	5436684	1	43.7	0.13	2.5	<2	0.43	6	12.3	37.7	4565	10.0	12	3.4	38	0.09	1.32	0.9	46
952	449783	5435388	35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
953	448927	5434371	2	44.2	0.10	1.9	3	0.29	5	12.2	48.7	4148	16.0	15	3.6	24	0.10	0.92	0.9	43
954	448422	5434001	10	37.6	0.18	4.3	4	0.44	11	30.3	46.2	13712	11.0	27	7.4	44	0.16	2.51	1.7	82
956	448142	5433512	11	36.7	0.22	5.8	5	0.57	12	31.8	54.7	15119	10.3	28	8.4	50	0.20	2.22	1.9	97
957	448794	5432569	12	50.8	0.25	5.3	<2	0.62	16	33.6	93.7	14272	2.7	37	4.8	41	0.22	1.89	1.4	98
958	448325	5432422	4	66.2	0.18	2.8	<2	0.51	9	15.0	62.6	16441	2.4	21	2.3	27	0.11	0.52	0.7	90
959	447517	5432764	12	38.4	0.20	4.4	8	0.42	10	30.5	50.8	13707	8.3	28	7.6	47	0.18	2.12	1.9	84
960	445668	5431763	9	34.2	0.19	3.8	<2	0.39	12	31.9	49.5	14181	5.5	30	8.0	43	0.16	3.29	1.9	86
961	445366	5429269	21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
962	444455	5429102	15	57.7	0.17	4.2	<2	0.50	12	22.3	135.1	24183	3.7	37	5.1	27	0.18	1.08	0.7	85
963	443419	5429096	8	63.6	0.14	2.9	<2	0.43	6	16.7	64.2	9343	2.0	22	4.4	27	0.11	0.25	0.8	55
964	443789	5428505	4	62.4	0.18	2.8	<2	0.48	12	16.2	84.1	12541	1.8	20	2.9	29	0.12	0.25	0.7	88
966	441890	5428339	12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
967	439802	5429177	2	36.0	0.20	2.8	4	0.34	9	26.2	36.4	14480	3.7	19	6.8	41	0.12	1.29	1.1	87
968	439735	5427950	1	49.9	0.15	4.2	4	0.38	8	16.0	39.7	10538	2.3	20	4.7	34	0.17	1.95	1.2	69
969	438196	5427911	3	65.3	0.11	2.1	<2	0.46	11	16.3	79.8	5059	5.3	19	2.3	24	0.12	0.06	0.7	68
970	432399	5432384	2	30.0	0.14	7.0	<2	0.58	18	42.2	34.6	20314	0.7	40	7.9	46	0.12	5.10	2.7	132
971	430849	5433486	1	35.5	0.15	6.2	<2	0.64	17	42.8	37.3	20592	0.8	44	7.9	48	0.11	4.88	2.8	140
972	440753	5434236	3	60.7	0.14	3.9	<2	0.67	10	20.1	39.1	10560	1.5	23	4.7	43	0.16	0.07	1.9	111
973	439542	5433156	5	65.6	0.12	4.4	<2	0.54	10	18.5	34.5	9251	1.4	19	5.2	37	0.18	0.07	1.0	94
974	440834	5432593	13	51.6	0.13	6.2	3	0.50	13	20.3	39.1	11370	6.2	25	10.6	34	0.34	0.41	1.2	69
976	439902	5432250	3	52.8	0.11	6.2	<2	0.51	13	21.0	49.7	10682	7.6	28	8.9	38	0.47	1.11	1.4	73
977	439160	5432046	2	48.8	0.16	3.1	<2	0.36	7	21.5	41.6	9985	1.4	20	5.4	45	0.12	0.44	1.2	60
978	447212	5430771	5	60.8	0.15	3.7	<2	0.71	14	18.8	156.4	17009	2.1	38	3.4	34	0.17	0.20	0.9	94
979	446904	5430187	8	61.7	0.11	7.0	<2	0.79	6	14.6	58.2	11244	1.4	16	22.1	16	0.48	0.60	0.5	58
980	446589	5430369	2	77.9	0.07	2.7	<2	0.34	6	12.3	69.4	4601	2.8	24	2.4	15	0.14	0.81	0.6	53
981	446429	5428979	32	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
982	445699	5428479	28	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
983	447319	5428040	NM	44.5	0.29	7.9	<2	1.05	16	39.3	152.8	26286	4.3	41	12.4	55	0.38	2.97	1.5	112
984	448403	5428691	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
986	448391	5428689	6	49.9	0.13	4.7	<2	0.49	16	36.2	66.7	10715	1.0	34	4.5	53	0.15	0.29	1.6	80
987	448107	5428229	7	52.5	0.17	5.2	<2	0.60	17	42.6	87.3	15161	1.3	36	5.1	58	0.17	0.18	1.6	104
988	450455	5428563	3	38.2	0.15	4.0	4	0.49	9	37.4	62.4	9821	0.9	25	6.5	63	0.17	0.36	2.9	61
989	451966	5428671	9	48.0	0.22	6.2	<2	0.64	19	38.2	77.0	17875	1.6	26	9.2	94	0.25	0.64	3.2	93
990	452465	5430720	9	46.3	0.15	5.6	<2	0.52	13	34.7	97.3	12313	1.6	27	4.3	80	0.29	0.54	4.5	70
991	452815	5429643	8	47.2	0.27	8.4	<2	0.47	18	30.7	77.5	22233	2.2	24	9.9	86	0.28	0.74	3.2	75
992	452641	5428923	6	45.4	0.16	4.5	<2	0.55	12	36.9	79.7	10966	1.4	24	5.0	75	0.19	0.61	3.4	80
993	454521	5431130	2	59.9	0.10	3.0	<2	0.42	8	22.1	57.2	5906	0.9	16	3.6	61	0.13	0.07	1.5	53
994	454291	5430139	1	61.0	0.07	3.1	<2	0.27	8	20.8	48.3	4728	1.4	15	3.2	41	0.13	0.05	1.6	15
996	454708	5429722	1	61.2	0.15	3.9	<2	0.51	12	26.9	58.1	19509	1.8	19	5.9	67	0.20	0.20	1.8	90
997	454657	5429395	6	51.7	0.22	2.6	<2	0.42	5	24.5	63.6	9670	2.2	15	4.3	52	0.16	0.13	1.9	54
998	455338	5428558	6	36.0	0.15	4.6	<2	0.41	15	51.5	81.6	17763	1.2	37	6.6	93	0.19	1.34	3.9	86
999	454901	5428525	12	42.0	0.21	8.8	<2	0.65	13	47.6	94.9	19804	1.7	30	15.6	106	0.38	0.96	3.5	95
1000	454030	5428572	3	30.5	0.14	4.8	<2	0.56	20	51.1	76.8	17631	1.2	40	7.9	77	0.17	3.41	4.0	97
1001	453603	5427859	6	61.7	0.13	4.9	<2	0.56	12	40.5	105.9	13170	1.7	23	5.1	74	0.20	0.15	1.5	84
1002	456052	5428362	8	39.5	0.25	5.8	<2	0.96	15	62.3	114.6	16345	1.8	29	18.5	116	0.41	1.27	3.2	106
1003	456899	5430980	3	33.6	0.09	3.1	<2	0.53	14	35.1	33.9	11288	0.7	32	4.7	61	0.10	1.09	2.4	93
1004	456085	5430497	4	34.9	0.13	4.9	<2	0.64	23	44.5	40.6	17301	1.0	38	5.6	77	0.12	1.31	2.7	134
1006	456104	5430060	16	43.8	0.19	7.6	<2	0.64	26	36.6	45.9	21299	1.3	25	26.0	86	0.46	0.66	2.0	97
1007	456366	5429543	7	39.2	0.14	3.5	<2	0.50	19	41.5	42.8	13190	0.9	30	5.2	77	0.12	0.60	2.2	95
1008	456884	5429012	4	38.7	0.13	4.0	<2	0.53	14	42.5	51.1	12405	0.8	32	5.9	81	0.12	0.56	2.2	88
1009	457396	5428131	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1010	458380	5429321	2	46.6	0.08	3.4	<2	0.45	8	25.8	42.8	5985	0.8	26	5.2	47	0.13	0.21	2.1	50
1011	458761	5430202	6	29.7	0.14	5.1	<2	0.45	17	47.1	44.6	16550	1.0	34	8.2	71	0.18	1.91	2.4	99
1012	459240	5429134	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1013	458934	5433578	10	62.3	0.15	3.2	<2	0.36	14	16.5	83.0	12558	1.6	24	3.8	31	0.14	0.20	0.8	63
1014	458932	5432757	7	64.5	0.14	3.1	8	0.52	7	18.2	64.2	13716	2.6	14	4.2	58	0.14	0.10	1.2	94
1016	459056	5432409	4	65.7	0.10	3.3	<2	0.50	9	21.1	43.3	16006	1.8	13	3.7	57	0.13	0.12	1.8	96
1017	459171	5432006	5	62.5	0.12	3.4	<2	0.38	9	25.3	44.8	12658	1.5	17	4.5	67	0.16	0.22	1.7	56
1018	459305	5431247	4	32.1	0.11	3.5	<2	0.40	15	41.0	43.1	12725	0.8	31	6.6	87	0.14	0.96	3.1	85
1019	459498	5430458	9	30.4	0.14	3.8	<2	0.45	12	44.2	54.1	14880	1.3	31	8.1	81	0.21	1.43	4.0	88
1020	459628	5429674	12	NM	0.04	3.5	<2	0.22	16	26.2	16.1	14462	0.7	21	5.9	35	0.14	2.27	1.3	53
1021	459920	5428260	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1022	459474	5433657	8	73.0	0.08	1.6	<2	0.55	13	25.2	63.2	6258	1.1	23	4.0	44	0.17	0.44	1.0	94
1023	459491	5433079	26	31.9	0.20	4.9	<2	0.30	9	52.9	61.6	18557	1.2	32	7.9	91	0.21	1.46	3.5	85
1024	459666	5431481	7	14.1	0.10	10.0	<2	0.40	15	39.3	49.6	16526	1.0	37	7.2	44	0.18	4.97	1.8	73
1026	440829	5471389	11	19.9	0.10	6.0	<2	0.38	19	53.7	55.0	25293	1.7	45	7.9	41	0.13	6.86	2.2	89
1027	447678	5471830	33	21.9	0.15	5.3	<2	0.38	15	52.2	56.6	29267	0.8	45	15.1	44	0.28	6.27	2.4	100

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
1028	460079	5468469	7	53.0	0.23	3.1	<2	0.53	8	25.3	72.2	14916	5.3	26	3.8	84	0.17	0.88	2.2	78
1029	461711	5467506	14	55.1	0.16	4.2	<2	0.64	9	22.8	61.8	10346	1.7	17	9.6	56	0.36	0.86	1.8	67
1030	464537	5464636	17	31.8	0.24	3.2	<2	0.44	13	43.1	56.0	23315	1.8	37	9.7	65	0.17	4.98	2.4	100
1031	465376	5463678	1	54.1	0.19	3.3	<2	0.29	12	29.3	56.4	13231	2.3	37	5.8	49	0.17	3.90	2.0	69
1032	465888	5463339	1	48.0	0.11	2.0	<2	0.50	9	23.2	45.3	9211	1.3	22	7.2	48	0.15	2.21	2.7	52
1033	471165	5462556	1	44.9	0.09	2.3	<2	0.36	8	13.3	50.3	5509	1.9	20	4.2	24	0.12	0.96	0.7	54
1034	476240	5462071	1	23.0	0.10	1.7	<2	0.39	11	33.8	29.4	14656	0.9	31	5.8	56	0.09	4.24	2.5	79
1036	480160	5460284	8	30.8	0.22	3.0	<2	0.41	18	44.0	37.5	26210	2.0	34	10.0	99	0.15	3.12	3.2	120
1037	480142	5459440	6	33.7	0.23	2.6	<2	0.41	13	39.6	42.5	21143	1.6	34	8.6	70	0.15	3.07	3.3	99
1038	486260	5457102	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1039	494215	5454627	2	65.7	0.05	5.4	<2	0.31	6	21.9	71.3	6670	3.2	35	3.6	23	0.22	1.78	1.3	48
1040	493448	5454376	6	63.7	0.11	3.7	<2	0.35	5	17.7	89.0	5639	4.5	26	3.8	20	0.24	1.25	1.4	55
1041	492197	5453989	35	40.6	0.17	12.0	<2	1.12	30	38.4	89.7	65226	5.5	52	7.4	51	0.22	2.81	3.4	171
1042	491166	5454526	14	47.4	0.20	2.9	<2	0.60	14	29.2	93.2	14440	1.7	24	5.1	55	0.15	1.28	1.3	80
1043	490876	5453706	16	44.6	0.15	4.4	<2	0.42	11	22.0	63.4	34499	2.0	20	4.0	58	0.16	2.24	1.0	87
1044	491099	5452843	2	50.2	0.12	2.9	<2	0.39	4	13.5	74.6	4473	2.1	23	2.9	26	0.13	1.21	1.0	54
1046	491348	5452186	2	56.2	0.17	9.3	<2	0.74	12	19.7	150.5	13602	2.4	28	3.2	28	0.15	1.81	1.3	81
1047	491444	5451413	7	63.8	0.07	4.9	<2	0.40	6	7.5	42.6	13068	1.6	13	2.6	11	0.12	0.62	0.7	71
1048	491273	5450606	2	73.7	0.10	2.8	<2	0.35	5	11.2	38.0	5398	2.4	12	2.6	22	0.14	0.91	0.9	59
1049	490872	5450429	10	64.1	0.15	4.4	<2	0.51	6	13.3	65.4	14896	3.0	14	3.0	24	0.15	0.41	1.1	72
1050	492191	5449526	1	59.0	0.08	3.6	<2	0.41	6	10.5	23.9	4463	1.6	13	4.5	13	0.14	0.92	0.5	29
1051	491609	5449264	5	77.1	0.05	2.9	<2	0.56	5	8.9	17.4	22601	1.6	9	2.2	14	0.09	0.69	0.5	117
1052	490969	5449130	9	58.4	0.11	4.6	<2	0.48	8	15.8	43.2	7867	2.9	15	4.8	26	0.19	0.18	1.0	55
1053	496243	5451753	12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1054	494458	5452226	2	56.2	0.07	4.5	<2	0.26	4	10.4	27.9	7667	3.0	12	3.4	15	0.11	1.39	0.9	47
1056	494555	5451397	1	74.8	0.07	4.7	<2	0.50	6	8.8	20.2	6993	1.8	7	3.2	11	0.14	0.97	0.4	62
1057	494898	5450605	12	26.1	0.11	5.3	<2	0.26	16	39.1	41.8	19990	2.7	32	5.3	29	0.14	2.81	1.1	66
1058	493488	5451674	8	58.9	0.22	4.5	<2	0.70	5	14.1	56.3	15917	5.2	12	4.3	35	0.25	0.66	1.0	94
1059	492592	5451612	4	60.5	0.17	10.0	<2	0.71	14	19.4	99.5	13061	4.9	26	3.7	25	0.19	1.23	2.6	103
1060	493191	5450349	16	45.0	0.16	10.0	<2	0.37	10	28.2	65.7	25326	4.2	31	6.1	27	0.21	2.17	1.1	72
1061	494381	5449254	33	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1062	492998	5448622	5	61.7	0.12	4.4	<2	0.56	8	17.3	33.2	10629	3.1	16	3.8	20	0.20	0.26	1.3	74
1063	492820	5447911	16	35.3	0.10	6.2	<2	0.40	9	24.5	46.1	15118	2.9	25	9.5	24	0.28	2.06	1.4	62
1064	491687	5447271	8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1066	493165	5445800	10	70.0	0.13	162	11	0.55	8	11.6	80.0	17909	1.3	23	4.5	13	0.84	0.35	0.5	129
1067	493607	5445161	1	67.1	0.10	43.0	3	0.82	13	13.1	107.2	8373	1.1	39	2.8	19	0.42	0.54	0.8	197
1068	493000	5443920	3	56.6	0.10	19.0	<2	0.42	11	18.7	41.0	5412	4.0	25	5.0	32	0.19	1.09	7.5	68
1069	493364	5443531	25	36.2	0.22	10.0	4	0.42	10	31.5	45.8	17342	4.9	28	7.6	63	0.23	1.34	8.5	84
1070	493955	5443757	5	56.2	0.35	7.6	<2	0.58	16	24.8	50.7	22777	8.6	29	7.2	100	0.28	0.30	6.7	106
1071	493326	5441017	5	64.9	0.15	8.5	7	0.60	9	22.3	59.3	21122	3.5	20	3.6	39	0.24	1.65	2.6	102
1072	493898	5440899	9	62.4	0.15	4.2	<2	0.45	7	11.6	50.8	6155	1.7	17	4.7	20	0.20	0.35	0.9	68
1073	492009	5439517	10	35.3	0.10	6.2	<2	0.32	13	53.2	50.2	15024	1.8	42	5.7	34	0.18	3.02	2.2	79
1074	492832	5441663	9	40.1	0.11	5.6	<2	0.38	14	45.9	51.4	15113	1.7	44	6.7	35	0.18	2.53	2.0	79
1076	492815	5440763	13	36.3	0.12	5.5	<2	0.36	13	47.3	54.1	14795	1.7	42	6.4	36	0.19	2.33	2.3	78
1077	491748	5440134	1	73.4	0.07	INF	INF	0.29	INF	60.3	58.6	9714	3.1	58	3.2	25	0.16	1.73	1.5	58
1078	491091	5443622	44	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1079	491523	5442076	3	77.9	0.05	16.0	5	0.24	7	15.9	49.9	10049	3.7	26	2.2	11	0.16	1.06	0.9	50
1080	491141	5440815	3	53.5	0.06	4.5	<2	0.34	11	44.9	39.0	11420	1.0	38	5.2	24	0.12	1.71	1.1	45
1081	489484	5442447	29	14.0	0.09	22.0	<2	0.77	21	32.5	52.8	25095	3.5	45	8.5	35	0.60	3.45	3.5	113
1082	489588	5441730	9	75.1	0.10	INF	INF	0.36	INF	13.7	90.9	4935	7.1	43	3.4	15	0.39	0.75	2.4	53
1083	489250	5441346	4	82.7	0.08	INF	INF	0.25	INF	13.5	72.3	3390	6.0	28	2.5	12	0.27	0.59	1.7	44
1084	488812	5441229	2	63.0	0.11	20.0	<2	0.45	11	23.2	48.2	9298	2.2	20	4.8	20	0.31	1.44	0.8	61
1086	489997	5440535	17	53.9	0.12	13.0	3	0.46	8	26.1	59.4	11797	2.5	28	10.1	22	0.34	0.96	1.4	69
1087	489879	5439714	2	82.8	0.04	INF	INF	0.28	INF	12.3	43.9	7733	1.8	14	1.8	11	0.08	0.63	0.4	41
1088	489070	5440227	6	59.6	0.10	18.0	<2	0.45	12	24.0	88.3	15602	1.4	25	3.2	17	0.38	1.06	1.0	73
1089	488654	5440236	11	60.9	0.10	10.0	<2	0.43	6	15.2	41.1	13574	1.2	16	7.4	20	0.36	0.92	0.6	55
1090	487577	5440556	3	75.1	0.07	46.0	<2	0.38	10	9.9	45.2	9093	1.9	27	3.1	14	0.33	0.83	0.6	64
1091	486714	5440607	18	34.4	0.14	16.0	<2	0.41	12	41.3	77.4	13972	2.0	42	6.0	31	0.34	1.96	3.8	77
1092	488299	5439307	23	46.5	0.12	5.8	<2	0.41	10	39.5	63.9	9364	1.8	39	8.4	26	0.33	1.51	2.0	59
1093	487620	5439423	1	70.5	0.06	7.8	3	0.32	4	16.0	58.5	8160	4.4	42	3.2	17	0.19	1.24	1.3	49
1094	487069	5439607	19	59.5	0.10	7.6	<2	0.47	5	19.8	69.0	7084	3.0	29	8.4	19	0.27	0.85	1.5	62
1096	486401	5439390	3	71.3	0.06	7.8	<2	0.40	3	8.5	54.6	6728	3.0	22	10.3	12	0.27	0.79	0.6	52
1097	486121	5438573	35	43.7	0.17	INF	INF	1.43	INF	39.3	88.4	37982	3.5	51	11.0	37	0.50	1.43	1.9	190
1098	487375	5437894	10	54.3	0.10	10.0	<2	0.38	8	22.8	59.8	6793	2.1	26	4.0	18	0.29	0.74	0.8	54
1099	487760	5437227	4	74.4	0.11	3.1	4	0.51	8	22.0	70.8	17050	1.2	28	1.7	11	0.10	0.50	0.6	71
1100	489086	5438114	25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1101	491465	5437701	2	69.5	0.08	8.4	3	0.25	4	21.7	66.6	8156	4.6	42	2.5	21	0.18	1.15	1.7	48
1102	491161	5436888	1	61.2	0.11	3.2	2	0.47	5	11.8	98.8	3633	1.6	16	4.1	19	0.16	0.48	0.7	51
1103	490706	5437139	1	55.6	0.11	3.6	<2	0.55	8	31.3	61.5	6426	1.4	27	5.4	41	0.20	1.33	2.0	40
1104	490283	5434218	22	37.5	0.23	7.8	<2	0.92	15	51.1	66.1	20862	1.5	31	13.5	96	0.26	1.38	3.1	106
1106	491667	5433806	9	51.3	0.25	5.3	<2	0.52	11	38.5	84.6	12770	2.6	30	6.2	89	0.27	0.66	3.7	77
1107	491106	5432872	4	31.7	0.17	4.3	<2	0.44	18	51.1	50.5	17912	1.0	39	6.4	103	0.15	2.16	3.8	97
1108	488530	5435390	22	35.6	0.20	7.0	<2	0.65	21	49.8	65.9	20886	2.1	35	13.0	97	0.34	1.43	4.2	97
1109	488091	5434189	11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1110	488003	5432777	4	68.0	0.13	3.8	<2	0.50	6	29.8	51.9	12980	2.1	20	4.0	37	0.15	0.08	0.8	90
1111	486924	5431620	10	46.2	0.16	4.4	3	0.39	10	30.8	43.7	12994	0.9	29	7.6	60	0.22	0.55	3.3	69
1112	486972	5430782	8	36.9	0.13	4.3	<2	0.40	12	39.8	41.3	15804	0.9	34	8.5	67	0.21	0.97	2.9	91

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
1113	486326	5433914	8	24.2	0.10	7.5	<2	0.30	17	53.8	46.7	20899	0.9	46	6.8	58	0.16	4.36	3.2	88
1114	486968	5435537	22	33.7	0.22	10.0	<2	0.60	18	68.6	90.6	22153	2.7	53	8.4	89	0.26	2.04	5.7	96
1116	487029	5436975	24	40.4	0.10	8.2	5	0.39	12	44.3	61.1	14798	0.9	35	6.1	29	0.31	1.71	1.1	74
1117	486158	5436880	3	60.6	0.13	4.9	<2	0.53	12	22.6	106.9	11038	1.7	28	3.7	27	0.20	0.23	0.7	82
1118	485251	5437272	20	49.6	0.13	7.6	<2	0.62	16	34.0	93.1	15812	1.2	34	6.9	31	0.31	2.18	1.1	97
1119	485346	5438374	25	34.3	0.09	28.0	<2	0.53	20	34.2	58.9	23260	1.5	32	6.4	29	0.30	2.68	1.1	101
1120	484883	5437998	2	64.6	0.08	5.1	3	0.47	7	12.3	71.1	7745	1.9	13	3.6	19	0.22	0.77	0.9	59
1121	484481	5439804	2	72.4	0.08	7.9	<2	0.39	9	10.7	29.1	5049	1.8	16	2.2	22	0.19	0.73	0.6	62
1122	484483	5439254	2	82.9	0.08	5.2	<2	0.46	5	14.3	34.5	3418	2.0	10	1.7	7	0.22	0.52	0.7	59
1123	436446	5463088	10	26.9	0.13	8.1	<2	0.47	20	57.7	85.3	33616	1.6	60	12.1	46	0.26	7.29	1.8	107
1124	460697	5445196	2	62.7	0.14	4.4	<2	0.57	11	24.5	75.1	9666	2.0	23	4.1	28	0.21	2.13	1.0	62
1126	464460	5443179	7	37.6	0.13	4.6	<2	0.34	15	34.9	49.1	15843	1.4	31	6.0	31	0.19	3.71	1.3	76
1127	469776	5440918	3	56.6	0.10	9.5	<2	0.46	12	25.7	38.5	13984	1.2	26	8.3	20	0.25	1.89	0.8	79
1128	485425	5439842	5	61.1	0.14	45.0	<2	0.41	14	16.1	42.2	18460	1.6	24	5.3	26	0.29	0.87	0.6	94
1129	484812	5440685	1	63.3	0.08	11.0	<2	0.24	5	16.6	60.0	8085	3.1	32	4.5	31	0.27	1.95	1.3	39
1130	483930	5440683	4	64.1	0.12	10.0	<2	0.42	11	17.7	44.0	8374	2.0	27	6.0	30	0.41	0.78	1.5	70
1131	483717	5439826	15	14.8	0.08	12.0	<2	0.22	14	36.8	34.5	20314	1.8	32	8.4	36	0.27	6.31	1.8	73
1132	483356	5438357	35	19.6	0.12	10.0	<2	0.50	17	43.5	58.5	23102	1.9	41	10.4	50	0.35	3.52	3.2	103
1133	483721	5437269	5	61.8	0.10	7.1	<2	0.40	11	22.5	105.8	10048	1.8	32	4.0	25	0.33	0.99	1.0	69
1134	483801	5436324	18	58.2	0.16	14.0	<2	0.48	14	24.2	106.4	18521	1.9	30	9.7	51	0.47	0.75	1.3	92
1136	483068	5436093	5	62.3	0.13	16.0	<2	0.48	11	21.5	92.0	16520	1.5	24	14.8	31	0.55	0.27	0.7	88
1137	483789	5435302	9	35.9	0.15	6.1	<2	0.48	16	54.3	65.8	16706	1.1	43	8.0	64	0.27	1.71	3.9	82
1138	483165	5435488	5	55.1	0.21	9.0	<2	0.61	16	23.4	100.3	14039	1.7	30	4.7	42	0.28	0.30	3.6	107
1139	482863	5434895	28	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1140	481930	5434883	16	45.5	0.19	7.5	4	0.63	13	31.8	76.3	11020	1.8	32	6.1	60	0.36	0.89	3.3	86
1141	481275	5435622	2	64.5	0.24	8.4	3	0.38	6	21.9	166.4	5946	5.3	22	4.7	55	0.36	1.36	3.0	42
1142	481935	5442378	8	53.6	0.17	13.0	<2	0.49	7	19.0	43.8	11014	2.2	15	5.6	45	0.25	0.56	1.2	71
1143	481316	5441900	4	78.4	0.06	31.0	<2	0.29	6	12.6	33.9	6359	2.1	8	9.9	22	0.76	1.02	1.1	56
1144	480783	5441431	15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1146	480646	5443191	16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1147	483588	5447394	37	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1148	482993	5445883	14	31.0	0.11	2.6	<2	0.47	13	28.8	50.2	14192	2.5	27	6.7	49	0.16	1.76	1.4	64
1149	481839	5445686	21	19.4	0.10	3.5	<2	0.29	13	31.1	38.5	20885	1.9	27	6.1	51	0.11	3.10	1.5	76
1150	480651	5445965	7	64.3	0.16	2.9	<2	0.70	5	18.0	50.4	10738	3.9	13	4.6	65	0.15	0.18	1.4	110
1151	480537	5445467	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1152	481433	5444799	23	22.9	0.10	2.8	<2	0.33	11	30.5	41.2	16926	1.3	23	7.3	55	0.13	2.17	1.5	66
1153	482276	5443785	30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1154	479986	5444319	11	16.5	0.07	5.1	<2	0.24	14	27.7	31.3	17178	2.1	24	8.8	43	0.20	3.70	1.3	66
1156	478642	5443792	22	36.9	0.26	4.4	4	0.70	9	24.1	45.9	12956	4.5	20	7.5	81	0.20	0.90	2.2	80
1157	480092	5441642	15	47.2	0.16	18.0	<2	0.58	11	24.6	90.9	9918	3.7	32	9.7	33	0.80	1.34	3.6	66
1158	479666	5440748	3	64.4	0.21	6.1	<2	0.44	8	12.7	48.2	6393	2.4	22	4.5	37	0.18	0.77	1.1	92
1159	478315	5440672	3	80.2	0.06	INF	INF	0.27	INF	10.3	23.4	8512	3.9	10	9.6	19	0.29	0.94	0.6	52
1160	478585	5440110	2	61.1	0.17	3.8	<2	0.43	10	21.4	39.6	4710	2.4	28	19.3	83	0.16	0.25	1.8	67
1161	478412	5439292	13	13.7	0.07	2.8	<2	0.16	13	29.4	22.3	15546	1.4	25	5.1	42	0.11	3.69	1.6	60
1162	477542	5438616	12	32.7	0.17	8.3	8	0.40	12	28.5	57.0	23990	4.4	32	9.8	82	0.24	3.23	3.0	84
1163	477880	5438006	1	66.7	0.13	5.0	3	0.42	6	16.8	34.9	3373	3.3	17	9.9	50	0.28	0.17	1.8	54
1164	477181	5437345	10	53.1	0.28	6.0	<2	0.46	13	32.6	177.3	15047	7.5	36	30.3	99	0.48	1.90	2.4	86
1166	477835	5437433	22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1167	477784	5436817	10	57.2	0.25	11.0	<2	1.22	8	21.7	88.0	10031	2.7	22	45.5	59	0.72	1.19	1.8	110
1168	476035	5435367	2	40.5	0.16	3.4	<2	0.41	12	33.3	66.1	9207	1.1	32	5.8	122	0.15	0.74	3.8	71
1169	473141	5436335	11	29.8	0.12	4.7	<2	0.50	15	39.5	53.8	16410	0.8	32	11.4	67	0.24	2.15	1.7	89
1170	472322	5436893	7	28.3	0.10	4.8	<2	0.39	15	40.5	55.2	18707	0.8	35	10.4	60	0.19	2.63	1.8	87
1171	472468	5437254	9	55.9	0.09	5.0	<2	0.46	10	20.1	69.4	16342	2.5	28	7.7	23	0.25	1.09	1.6	67
1172	469591	5437380	4	62.9	0.12	6.2	<2	0.52	10	10.5	96.1	20838	2.2	14	10.2	27	0.30	0.22	0.6	119
1173	469951	5437180	2	75.4	0.10	2.2	<2	0.76	8	11.4	61.9	5193	1.0	14	2.6	19	0.11	0.09	0.4	153
1174	445930	5440221	14	43.6	0.09	5.7	<2	0.52	10	22.9	47.6	10114	1.8	25	14.2	22	0.50	1.63	0.8	71
1176	445127	5441192	6	63.7	0.05	5.0	<2	0.31	4	12.3	53.0	4822	3.2	18	3.8	15	0.23	0.59	0.8	47
1177	465221	5439753	2	61.8	0.06	8.1	<2	0.28	6	9.6	17.9	3402	1.4	12	3.6	15	0.16	0.47	0.6	47
1178	464583	5439372	2	68.6	0.08	8.0	<2	0.48	11	8.4	30.3	9598	1.3	12	3.7	10	0.17	0.49	0.4	101
1179	465669	5438485	1	68.1	0.11	8.7	<2	0.39	10	16.5	53.2	7589	3.1	23	3.8	19	0.32	1.01	1.2	71
1180	466354	5439351	3	70.5	0.11	4.2	<2	0.64	7	9.8	39.3	4442	2.1	14	2.7	14	0.18	0.64	0.8	110
1181	467189	5437933	4	81.9	0.06	8.0	<2	0.45	6	9.2	30.7	7605	1.0	10	2.9	10	0.11	0.40	0.4	73
1182	467439	5439998	3	78.6	0.08	6.3	<2	0.48	4	8.3	26.2	7202	0.8	9	10.1	13	0.23	0.15	0.4	57
1183	467638	5439654	15	63.6	0.12	7.1	<2	0.61	12	18.7	58.6	15032	1.3	19	6.2	18	0.24	0.79	0.7	98
1184	468988	5440792	3	50.3	0.09	7.2	<2	0.35	9	19.9	37.5	10165	1.2	21	5.5	16	0.18	1.08	0.7	67
1186	468933	5439865	14	47.1	0.13	9.1	<2	0.57	15	48.3	46.3	17570	1.5	38	15.1	23	0.41	1.98	0.8	82
1187	468713	5439148	4	58.5	0.15	6.8	<2	0.48	23	65.7	50.1	15097	1.2	47	3.6	20	0.16	1.21	0.9	104
1188	468684	5438659	4	77.7	0.09	12.0	3	0.39	5	22.9	26.9	3738	1.6	22	3.1	12	0.14	0.81	0.6	48
1189	468151	5436792	3	47.0	0.11	3.9	<2	0.40	13	13.8	63.4	6059	1.1	21	8.7	26	0.15	0.06	0.6	64
1190	470460	5442345	5	28.5	0.14	8.2	10	0.38	15	32.2	41.8	20249	1.0	32	8.7	44	0.20	4.57	1.7	91
1191	470950	5440612	1	54.8	0.12	27.0	<2	0.38	8	12.6	36.0	15740	1.3	15	4.4	22	0.35	1.76	0.8	58
1192	471129	5440067	2	46.8	0.14	11.0	<2	0.40	10	13.9	43.5	19978	1.9	16	8.7	21	0.27	0.93	0.7	70
1193	471275	5439768	6	69.7	0.10	7.9	<2	0.51	6	5.3	35.3	12310	1.7	11	8.4	14	0.29	0.59	0.8	54
1194	471400	5438051	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1196	472215	5438795	22	31.9	0.14	11.0	<2	0.80	22	32.3	64.2	29830	1.5	41	21.8	36	0.60	3.31	1.9	115
1197	472778	5438190	8	52.0	0.11	8.1	<2	0.73	11	20.8	65.2	12771	3.3	33	15.2	27	0.54	2.01	2.6	77
1198	472691	5437196	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
1199	473439	5437430	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1200	473163	5439070	22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1201	473677	5444210	6	55.3	0.20	10.0	4	0.45	8	20.2	44.3	15780	3.6	17	5.6	72	0.27	0.21	1.8	92
1202	473943	5442991	9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1203	474380	5441831	10	55.2	0.17	4.3	<2	0.49	8	17.0	44.4	10135	1.7	15	6.1	41	0.26	0.53	1.2	60
1204	474911	5441168	11	28.3	0.15	18.0	<2	0.34	16	32.3	44.7	37063	1.1	33	8.5	44	0.37	4.46	1.0	91
1206	474858	5439653	10	37.9	0.14	20.0	<2	0.41	13	40.5	79.9	14088	3.5	26	6.5	30	0.20	2.81	1.0	52
1207	474473	5439306	1	76.6	0.10	17.0	<2	0.44	5	14.1	51.6	6583	2.2	17	5.5	14	0.17	0.95	0.7	53
1208	475135	5438976	2	62.2	0.22	235	<2	0.58	7	14.7	182.4	11196	16.9	24	6.8	46	0.19	1.30	3.0	80
1209	475062	5438084	4	63.6	0.10	8.2	<2	0.60	8	9.9	65.4	14086	3.6	19	17.8	23	0.41	0.55	0.9	60
1210	475497	5436798	11	42.9	0.13	4.9	<2	0.39	11	27.6	89.0	11023	2.1	36	5.5	42	0.18	1.95	1.0	62
1211	476269	5437340	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1212	475913	5438732	14	37.8	0.10	6.1	<2	0.40	13	28.0	53.7	13043	2.4	25	9.8	24	0.30	2.34	0.9	63
1213	476574	5443176	8	29.1	0.14	3.6	<2	0.37	13	35.9	40.9	15769	2.5	30	6.3	57	0.13	3.24	2.1	75
1214	475834	5442137	22	5.5	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
1216	475668	5441534	1	50.4	0.10	12.0	<2	0.41	8	15.6	29.0	9164	1.0	18	3.8	34	0.27	2.03	0.8	62
1217	475561	5440517	NM	70.8	0.11	7.5	<2	0.50	7	11.6	53.7	5765	1.6	10	5.8	19	0.21	0.89	1.2	49
1218	476689	5440408	2	42.3	0.08	8.5	<2	0.28	10	20.7	33.6	12452	1.6	19	5.4	20	0.22	1.49	0.7	55
1219	473070	5445992	14	10.5	0.06	2.5	<2	0.22	11	17.8	17.6	8789	0.7	14	3.9	25	0.06	3.70	1.0	42
1220	471569	5444915	12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1221	470811	5447240	3	62.9	0.19	2.1	<2	0.36	8	15.3	65.4	6016	4.3	13	3.8	76	0.12	1.51	1.9	49
1222	470442	5446663	10	58.7	0.14	3.2	<2	0.51	8	17.7	60.0	6450	7.1	17	6.3	30	0.26	0.34	1.1	68
1223	470299	5445857	4	67.2	0.10	3.8	<2	0.49	6	19.1	64.7	10065	5.4	22	4.7	35	0.18	2.06	1.2	80
1224	469521	5445243	5	61.8	0.12	2.3	<2	0.48	5	12.2	33.6	5865	2.1	14	4.1	25	0.14	0.71	0.7	76
1226	469225	5444159	3	70.1	0.14	2.4	<2	0.55	9	17.8	42.6	8658	2.0	16	3.0	52	0.28	0.53	1.1	74
1227	456556	5442891	14	47.2	0.22	11.0	<2	0.58	21	25.7	54.5	34939	1.4	36	7.5	39	0.22	3.03	0.9	140
1228	456915	5442609	16	48.6	0.24	7.5	<2	0.86	18	27.8	70.6	15526	1.5	32	8.5	38	0.27	3.22	1.2	153
1229	433318	5465152	2	64.8	0.08	4.3	<2	0.44	8	12.3	35.0	6474	1.5	10	3.2	25	0.19	1.57	0.9	56
1230	433495	5464711	4	67.1	0.10	3.5	<2	0.55	8	13.1	36.4	11488	1.1	11	4.1	25	0.17	1.39	1.1	73
1231	433094	5464538	1	67.4	0.12	2.8	<2	0.65	8	16.5	43.2	7351	1.4	9	3.9	31	0.22	1.79	1.2	65
1232	440084	5456576	12	18.1	0.16	5.6	<2	0.39	21	62.0	75.1	34571	1.1	63	13.8	48	0.24	8.90	1.5	111
1233	444418	5452920	5	51.1	0.13	4.0	<2	0.40	14	39.0	49.5	18770	1.3	44	6.5	32	0.15	3.49	1.3	93
1234	446482	5449401	4	60.9	0.19	3.7	<2	0.72	12	20.6	43.0	6113	1.4	18	4.4	38	0.20	0.04	0.9	104
1236	447844	5446055	10	57.9	0.13	3.6	<2	0.52	8	14.4	43.6	10120	1.5	13	5.7	20	0.18	0.81	0.7	63
1237	447752	5445725	9	49.5	0.11	3.5	<2	0.50	9	15.4	44.1	8911	1.2	12	4.2	22	0.12	0.58	0.8	56
1238	451535	5436740	4	55.3	0.16	2.9	<2	0.93	8	14.5	81.4	7299	1.7	19	3.6	32	0.14	0.37	1.1	92
1239	451533	5436250	3	40.5	0.19	2.5	<2	0.63	13	26.4	73.8	14965	1.1	26	4.2	38	0.11	1.45	1.1	77
1240	451796	5436061	4	64.1	0.13	2.8	<2	0.53	4	11.2	46.4	11490	1.3	11	9.3	19	0.15	0.16	0.7	47
1241	452007	5435506	11	53.0	0.18	5.3	<2	0.54	7	19.6	85.6	12502	2.8	30	4.9	32	0.19	0.43	1.0	71
1242	450097	5436796	6	46.8	0.25	5.1	3	0.57	17	22.0	98.5	17874	50.0	27	3.6	26	0.17	0.95	0.7	79
1243	450752	5436628	2	58.3	0.14	3.4	<2	0.54	11	14.8	67.0	4169	6.3	16	3.3	26	0.12	0.06	0.7	69
1244	450862	5435877	8	55.7	0.16	4.1	<2	0.57	8	15.8	61.3	7886	3.9	20	12.0	24	0.24	0.53	0.9	59
1246	451269	5435531	11	48.9	0.20	4.0	<2	0.48	10	21.9	105.4	14934	1.7	28	4.2	37	0.18	1.48	1.0	81
1247	450930	5435094	8	54.0	0.24	2.9	5	0.60	14	20.8	132.7	15203	2.6	40	3.7	42	0.17	0.30	1.0	104
1248	452020	5434532	4	58.6	0.22	2.5	<2	0.72	10	22.6	87.1	10517	1.6	23	5.7	38	0.16	0.96	1.1	74
1249	452915	5435314	15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1250	451225	5438555	11	55.7	0.32	7.9	3	0.64	14	12.3	166.5	11946	28.4	17	4.0	26	0.24	0.56	0.7	82
1251	451081	5438024	2	61.3	0.16	5.0	<2	0.46	13	13.7	66.8	8175	6.3	18	4.8	22	0.15	0.59	0.6	66
1252	451416	5437748	1	60.8	0.14	3.1	<2	0.53	12	12.1	53.2	5700	1.6	15	4.2	24	0.15	0.52	0.7	62
1253	452760	5437830	10	65.0	0.17	3.9	<2	0.52	7	13.6	52.8	25845	1.0	13	3.7	22	0.13	1.20	0.6	80
1254	452497	5437842	1	56.3	0.23	3.8	<2	0.67	12	17.1	85.6	11268	1.5	17	4.4	29	0.15	1.59	1.0	72
1256	452191	5438132	1	66.2	0.19	6.9	<2	0.76	10	9.8	86.5	6077	0.9	10	4.8	17	0.16	0.62	0.5	79
1257	452234	5437328	19	42.5	0.15	5.4	<2	0.71	12	26.2	57.1	13967	1.0	22	17.4	27	0.47	2.01	0.9	82
1258	452733	5436497	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1259	452558	5436126	6	60.0	0.16	2.6	<2	0.66	9	14.8	143.8	8931	1.5	19	3.8	25	0.14	0.45	0.7	106
1260	454040	5436132	23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1261	455157	5436014	19	55.3	0.24	10.0	<2	0.92	9	18.8	57.2	16182	4.4	19	31.6	47	0.67	0.68	1.7	91
1262	455334	5436836	7	63.6	0.18	3.7	<2	0.47	7	11.8	48.4	15238	2.0	10	4.8	27	0.16	0.18	0.7	76
1263	454602	5436934	6	59.8	0.17	5.3	3	0.51	11	20.5	46.4	9036	2.4	17	4.3	30	0.19	0.24	1.1	64
1264	453928	5437040	22	47.0	0.30	6.1	4	0.67	9	24.5	63.2	10894	2.2	23	5.2	34	0.21	1.88	1.9	69
1266	453467	5436554	3	65.3	0.15	3.6	<2	0.50	9	13.5	30.4	5471	1.2	13	5.0	25	0.18	0.12	1.0	60
1267	454578	5437802	25	43.5	0.26	14.0	7	0.89	27	27.3	60.7	84916	5.1	38	8.0	59	0.27	2.47	2.0	174
1268	456555	5438826	7	58.7	0.34	4.6	4	0.47	11	19.3	39.5	22330	1.2	21	4.7	30	0.35	0.70	1.0	77
1269	456159	5437274	21	39.6	0.33	11.0	6	0.94	12	20.3	84.1	16729	2.2	22	21.9	77	0.61	1.62	1.6	123
1270	457595	5437761	17	38.0	0.25	5.7	<2	0.65	8	20.7	44.6	10667	1.2	21	14.2	38	0.31	1.48	1.1	87
1271	457072	5437587	13	35.8	0.19	4.0	4	0.49	10	28.2	48.5	10864	1.5	29	7.3	36	0.18	2.37	1.3	92
1272	459250	5440766	1	67.3	0.11	12.0	<2	0.41	7	12.6	32.8	8073	1.1	13	3.5	18	0.18	0.67	0.7	61
1273	458996	5440488	9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1274	458837	5440248	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1276	459170	5439860	6	57.5	0.16	24.0	5	0.56	15	21.2	52.1	19796	1.5	25	5.4	25	0.32	1.90	1.1	89
1277	458759	5439100	1	56.7	0.08	12.0	<2	0.32	5	11.2	38.0	11072	2.4	15	3.4	20	0.15	1.33	0.7	58
1278	458420	5438889	1	69.3	0.13	5.5	<2	0.39	8	17.6	33.4	8554	1.5	17	3.4	25	0.21	0.99	0.9	64
1279	453664	5439115	1	71.7	0.20	4.1	3	0.63	8	13.1	96.4	6122	4.3	14	9.6	16	0.24	0.75	0.6	54
1280	452837	5438873	16	54.4	0.45	4.7	<2	0.74	18	19.8	175.6	17836	11.4	25	5.3	37	0.19	1.22	1.0	98
1281	452438	5439394	17	47.6	0.44	8.6	3	0.66	11	15.1	229.4	26856	30.7	25	4.7	32	0.25	1.53	0.8	89
1282	451991	5439573	26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1283	451367	5439643	4	59.5	0.17	3.3	<2	0.51	10	16.6	82.5	8802	1.7	14	4.1	24	0.19	1.05	0.9	63

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
1284	449064	5439948	20	38.4	0.15	4.2	<2	0.48	12	37.3	59.9	12440	1.5	31	8.6	33	0.23	2.85	1.3	77
1286	443998	5441831	5	59.4	0.11	3.9	<2	0.37	8	15.6	49.3	5878	2.6	16	6.4	15	0.20	0.44	0.6	53
1287	446298	5441492	22	4.7	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
1288	445895	5443292	16	46.4	0.15	6.1	<2	0.39	17	19.7	63.0	63723	1.5	24	6.8	32	0.16	2.20	0.7	92
1289	445084	5443258	7	55.4	0.11	3.6	<2	0.46	12	16.9	65.8	12102	2.0	19	4.6	20	0.15	0.75	0.7	95
1290	444484	5444039	7	63.4	0.10	2.7	<2	0.42	8	12.8	45.8	3764	1.0	13	3.3	19	0.11	0.36	0.6	52
1291	445603	5444507	15	40.9	0.13	4.0	<2	0.41	9	18.0	57.5	13436	1.2	17	4.9	24	0.16	1.27	0.7	73
1292	446396	5445483	6	62.7	0.10	3.1	<2	0.50	7	13.1	41.2	8948	1.3	11	3.9	20	0.14	0.21	0.7	58
1293	447070	5445208	17	56.2	0.16	4.4	<2	0.62	8	14.8	68.4	11708	1.4	14	11.3	26	0.30	0.59	0.8	81
1294	446550	5444469	1	48.8	0.07	2.6	<2	0.43	8	9.9	33.8	3408	0.7	13	4.1	13	0.11	0.61	0.4	54
1296	446506	5444879	1	55.5	0.08	2.4	<2	0.48	6	9.3	41.8	3607	0.9	8	3.9	18	0.12	0.76	0.5	57
1297	448479	5446881	1	73.2	0.15	3.2	<2	0.56	7	10.8	29.9	5924	1.8	8	2.7	12	0.11	0.68	0.5	70
1298	448527	5446208	24	53.9	0.22	18.0	<2	1.38	10	18.6	63.7	22534	2.0	20	49.0	29	1.10	1.27	0.8	113
1299	448688	5445321	11	60.3	0.09	7.1	<2	0.62	6	13.5	33.4	12039	0.9	10	17.2	18	0.39	0.76	0.5	58
1300	448681	5444615	5	56.3	0.14	7.1	<2	0.57	7	15.2	46.6	12672	1.1	15	8.6	26	0.23	0.79	0.8	65
1301	447475	5443836	6	40.1	0.14	3.9	3	0.66	9	17.8	51.7	16799	1.1	17	4.7	26	0.17	0.12	0.7	95
1302	447305	5443247	1	58.2	0.10	3.2	<2	0.28	4	11.5	40.2	2928	1.2	11	2.2	17	0.11	0.44	0.7	39
1303	448488	5442880	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1304	451250	5440650	3	65.5	0.09	5.7	<2	0.56	7	12.2	54.0	5941	1.4	12	15.8	15	0.39	0.71	0.6	57
1306	452295	5440524	3	71.4	0.08	3.3	<2	0.43	7	12.9	34.9	4863	1.0	12	5.0	15	0.19	0.55	0.6	38
1307	452130	5441265	8	50.8	0.11	4.4	<2	0.50	11	22.3	51.3	11218	1.0	20	8.3	25	0.24	1.14	1.1	70
1308	451789	5442209	3	60.5	0.10	7.4	<2	0.48	9	23.5	91.5	8960	4.5	24	8.6	18	0.55	1.35	1.4	60
1309	450868	5442920	22	31.6	0.14	7.2	5	0.66	13	33.9	61.9	21473	0.9	33	17.2	31	0.37	3.05	1.3	97
1310	450515	5443681	13	50.2	0.15	6.4	<2	0.53	10	22.2	108.0	20424	2.3	32	5.8	28	0.25	1.70	0.9	84
1311	451595	5443553	15	47.8	0.16	6.4	<2	0.54	13	24.4	107.2	19427	2.7	29	5.6	26	0.26	1.81	1.1	84
1312	451518	5443167	11	35.8	0.11	4.8	<2	0.36	4	8.0	70.9	13327	1.3	11	2.1	9	0.10	0.56	0.6	47
1313	451999	5442924	1	71.9	0.11	3.1	<2	0.74	8	10.8	44.5	8528	0.6	9	4.8	14	0.12	0.66	0.5	74
1314	453123	5441824	21	56.8	0.17	6.2	<2	0.59	8	18.5	75.1	14142	1.6	18	5.4	35	0.25	0.65	1.1	81
1316	454257	5441253	16	55.5	0.16	4.7	<2	0.36	10	21.0	47.2	17365	1.4	22	3.8	28	0.14	1.15	1.0	69
1317	453103	5440474	19	43.1	0.15	12.0	<2	0.35	8	16.5	50.2	109423	1.4	26	6.8	38	0.27	2.42	0.9	81
1318	452480	5439378	18	47.9	0.41	8.4	4	0.70	13	13.7	228.4	25336	23.9	24	4.6	29	0.22	1.49	0.8	93
1319	453190	5439722	5	56.8	0.30	4.9	4	0.89	10	6.6	163.8	15421	18.7	16	3.4	15	0.20	0.65	0.8	121
1320	454033	5439752	5	61.0	0.27	4.7	4	0.68	7	13.3	98.7	8002	6.0	16	8.8	18	0.20	1.23	0.5	77
1321	454809	5439417	12	57.7	0.26	8.3	<2	0.51	12	19.7	62.6	32254	2.2	21	4.8	43	0.22	1.68	1.0	89
1322	455772	5440648	2	57.3	0.20	6.5	<2	0.57	10	17.0	54.1	10820	2.6	23	4.9	19	0.16	1.31	0.8	79
1323	456658	5441728	6	46.5	0.22	6.5	<2	0.59	15	24.4	53.8	16894	2.0	26	6.9	24	0.17	1.83	0.9	112
1324	457197	5440053	3	57.1	0.16	6.4	<2	0.50	11	18.1	37.0	19528	1.5	21	4.4	30	0.18	1.00	1.0	84
1326	458123	5440014	12	43.3	0.28	15.0	<2	0.35	13	25.9	48.3	112128	1.7	39	4.9	61	0.20	3.63	1.3	101
1327	458443	5439496	1	62.6	0.16	4.6	<2	0.42	7	14.8	42.5	9260	1.2	16	2.7	27	0.14	0.69	1.0	57
1328	458642	5441142	8	43.0	0.28	18.0	<2	0.36	14	29.2	50.3	91470	1.7	40	6.4	47	0.21	4.07	1.4	96
1329	458897	5441686	6	47.4	0.17	5.8	<2	0.36	12	24.7	47.2	27569	1.2	30	6.6	36	0.15	2.51	1.2	70
1330	459437	5441541	7	69.0	0.15	90.3	<2	0.49	9	14.3	36.0	81932	1.1	20	2.1	18	0.17	1.26	0.7	125
1331	459553	5442676	7	66.7	0.12	5.5	<2	0.47	5	14.3	30.2	4458	1.1	15	4.4	18	0.14	0.70	0.8	59
1332	459167	5442572	5	57.1	0.18	8.2	<2	0.48	11	19.2	53.4	12007	1.5	21	5.6	26	0.22	1.43	1.2	62
1333	458224	5443006	10	27.4	0.17	8.8	<2	0.48	20	46.0	50.8	36416	0.8	45	11.2	37	0.20	6.01	1.1	126
1334	457242	5443601	17	27.5	0.17	19.0	<2	0.76	31	41.2	53.8	61878	3.0	57	9.1	43	0.27	3.54	1.8	149
1336	455586	5443473	7	48.9	0.21	9.4	<2	0.37	12	16.5	60.3	55489	1.9	31	3.2	35	0.16	1.71	0.8	71
1337	455063	5442987	9	70.2	0.12	4.7	<2	0.39	12	12.8	49.1	24627	1.3	18	2.5	15	0.10	0.75	0.5	93
1338	453211	5442975	11	54.1	0.18	5.6	<2	0.59	9	13.2	96.6	18022	2.0	20	3.2	27	0.14	0.76	0.8	73
1339	453824	5443727	10	46.9	0.14	5.1	<2	0.55	13	21.4	73.8	7546	1.3	19	4.3	24	0.20	0.96	1.0	64
1340	452600	5443488	3	65.7	0.12	3.0	<2	0.71	11	12.6	42.0	17188	1.0	11	3.1	25	0.12	1.32	0.9	96
1341	452221	5444172	11	64.7	0.09	3.8	<2	0.49	7	11.7	39.3	14399	1.0	11	3.1	16	0.14	0.84	0.6	61
1342	451873	5445017	9	74.4	0.09	4.2	<2	0.49	5	9.6	36.9	9459	0.8	9	4.9	13	0.15	0.56	0.5	51
1343	437444	5462173	8	32.0	0.15	5.8	4	0.40	18	48.0	77.3	25672	2.1	52	10.3	41	0.24	5.66	2.2	95
1344	442920	5454970	15	25.1	0.15	7.8	<2	0.44	21	52.7	66.8	45413	2.1	62	11.6	47	0.19	6.24	1.7	98
1346	453544	5446538	2	76.6	0.09	8.8	<2	0.43	7	7.3	17.8	5582	1.0	10	2.3	8	0.18	0.36	0.5	61
1347	455994	5447637	6	57.5	0.11	5.1	<2	0.44	6	14.7	25.0	9717	1.8	13	5.3	19	0.18	0.77	1.0	54
1348	457041	5447953	17	46.6	0.17	10.0	<2	0.72	10	24.9	47.7	15412	2.3	25	19.0	28	0.49	1.34	1.8	75
1349	459239	5446440	15	61.9	0.16	7.3	<2	0.47	5	15.4	58.3	16942	1.4	15	7.7	25	0.32	0.86	0.7	71
1350	459582	5447520	3	70.0	0.16	3.1	<2	0.49	9	23.9	60.4	9460	2.2	25	3.3	28	0.19	1.57	1.3	82
1351	459129	5447844	3	65.7	0.13	2.7	<2	0.48	7	16.2	36.2	7266	1.4	12	4.6	28	0.21	0.55	1.1	53
1352	460986	5446259	8	57.9	0.16	5.4	<2	0.69	10	23.8	51.4	14860	1.4	23	8.2	27	0.24	1.24	1.0	102
1353	462380	5444695	12	34.6	0.15	4.8	<2	0.51	14	36.6	63.7	18036	1.0	33	8.8	33	0.23	3.56	1.2	86
1354	461740	5445064	20	55.2	0.13	11.0	<2	0.58	7	15.5	75.8	17457	2.5	22	6.3	21	0.30	1.34	0.8	73
1356	463008	5445964	2	68.8	0.08	5.3	<2	0.31	4	14.4	59.8	9509	3.1	23	3.5	16	0.17	1.37	1.0	44
1357	462921	5446796	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1358	463395	5447688	12	41.0	0.14	4.8	<2	0.50	11	26.0	67.8	9900	1.5	26	5.6	27	0.19	2.10	1.4	71
1359	463252	5448552	10	39.2	0.23	5.0	<2	0.61	13	32.5	70.3	13781	1.4	34	5.1	44	0.12	3.31	1.6	99
1360	469389	5447071	27	42.9	0.17	4.2	<2	0.57	8	27.9	48.9	13579	2.5	24	9.8	38	0.23	1.04	1.5	80
1361	468661	5447955	13	61.8	0.12	3.9	<2	0.48	5	8.1	46.2	9960	3.2	15	12.4	26	0.27	0.70	0.9	58
1362	469351	5448274	10	48.4	0.19	4.1	<2	0.60	7	19.1	60.1	10414	5.2	19	7.8	34	0.26	0.51	1.2	73
1363	470136	5448548	2	58.4	0.17	3.2	<2	0.37	8	18.8	66.4	8432	1.7	24	4.1	37	0.11	2.64	1.0	64
1364	471145	5448532	16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1366	471796	5449921	17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1367	471046	5450536	7	41.8	0.28	3.2	4	0.42	11	40.1	69.1	16639	5.6	30	5.3	78	0.12	2.15	1.3	94
1368	469324	5450743	5	76.5	0.09	4.0	<2	0.36	6	11.5	51.1	11641	3.2	19	3.6	27	0.20	1.26	1.1	69
1369	467791	5451215	6	54.9	0.18	4.1	<2	0.56	8	20.2	100.6	15805	1.7	28	4.1	46	0.16	0.74	0.9	83

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
1370	468676	5451610	8	50.1	0.28	3.3	<2	0.42	8	23.4	108.1	15341	6.2	26	6.0	61	0.20	1.50	2.0	66
1371	470018	5452042	4	47.1	0.13	2.6	4	0.33	9	18.4	43.5	10924	1.6	20	4.9	28	0.15	1.04	1.1	56
1372	468478	5452697	22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1373	467275	5452622	1	69.1	0.12	3.1	<2	0.52	7	15.1	63.7	6050	0.7	28	6.2	29	0.17	1.55	1.0	57
1374	467596	5453926	7	46.0	0.22	4.6	<2	0.52	11	31.9	111.5	24319	4.0	46	7.2	50	0.16	2.56	1.2	105
1376	468783	5454544	4	63.7	0.16	4.0	<2	0.45	5	15.2	69.4	12014	2.6	23	4.2	27	0.14	0.22	1.0	66
1377	467271	5455859	3	48.4	0.14	3.9	<2	0.33	13	35.5	52.8	19477	1.5	42	8.2	32	0.20	3.87	1.4	82
1378	468204	5456802	9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1379	469621	5457439	25	38.5	0.17	5.1	<2	0.50	12	30.8	59.7	15696	2.0	33	11.1	45	0.24	2.42	1.6	83
1380	470372	5459063	4	60.5	0.23	3.6	<2	0.47	6	18.1	59.1	18713	3.4	25	4.8	52	0.18	0.25	1.1	102
1381	470997	5459066	3	58.8	0.28	2.3	<2	0.38	6	21.6	65.9	10122	2.7	26	4.5	66	0.15	1.21	2.0	76
1382	470286	5460811	7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1383	468868	5460910	5	40.3	0.18	4.2	<2	0.32	14	34.4	60.9	22091	1.6	42	6.8	40	0.12	3.84	1.2	92
1384	468259	5460952	5	49.9	0.14	3.8	<2	0.32	12	27.9	63.6	15432	3.3	38	5.1	29	0.14	2.50	1.2	76
1386	467364	5461249	3	53.4	0.19	3.4	<2	0.46	12	23.9	66.7	15950	1.9	33	5.6	32	0.15	1.67	1.1	122
1387	459913	5465105	3	53.6	0.15	3.5	<2	0.36	11	29.1	54.5	18126	1.0	34	6.7	26	0.19	3.12	1.2	79
1388	459713	5465380	2	69.6	0.12	3.5	3	0.51	8	16.6	47.2	10693	1.3	24	4.4	15	0.16	1.44	0.9	99
1389	460208	5465655	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1390	459003	5466010	15	22.2	0.14	3.9	<2	0.32	19	47.3	68.8	34621	0.8	53	11.2	45	0.18	8.09	1.5	101
1391	458436	5466332	5	47.5	0.17	4.0	<2	0.39	10	28.0	76.9	24905	1.3	33	7.6	47	0.18	3.29	1.2	75
1392	457019	5467800	4	41.7	0.10	3.1	<2	0.27	10	31.0	48.6	14417	1.1	40	5.8	31	0.13	3.88	1.1	62
1393	453201	5468056	2	59.5	0.08	2.6	<2	0.30	6	22.7	65.4	7689	1.8	38	6.0	28	0.16	2.15	1.3	42
1394	449672	5467638	4	66.2	0.13	2.1	<2	0.36	6	11.2	54.4	9282	1.5	17	2.9	16	0.10	0.76	0.7	63
1396	442081	5467730	5	68.3	0.09	3.1	<2	0.38	5	6.6	54.9	13006	1.4	14	4.1	11	0.10	0.69	0.6	55
1397	441739	5467991	2	71.4	0.11	2.9	4	0.40	5	10.1	64.5	5370	1.3	12	3.2	17	0.11	0.96	1.0	52
1398	440115	5468825	5	52.7	0.13	3.7	<2	0.41	10	22.3	49.5	15845	1.3	26	9.3	25	0.14	2.68	1.2	87
1399	432882	5463698	2	68.4	0.07	19.0	<2	0.46	6	11.1	29.5	6029	1.5	11	4.7	21	0.16	1.72	0.8	64
1400	433030	5462963	8	66.8	0.11	INF	INF	0.40	INF	12.4	50.5	8775	2.0	12	4.5	22	0.17	0.98	1.0	52
1401	433049	5463150	NM	74.1	0.07	INF	INF	0.32	INF	12.9	32.4	8990	1.3	12	4.5	18	0.18	1.45	0.7	40
1402	439508	5445984	1	49.4	0.12	2.8	8	0.53	7	23.2	42.0	6908	1.0	14	6.5	15	0.12	1.89	0.9	83
1403	442067	5446532	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1407	441641	5445919	3	50.8	0.18	8.3	<2	0.37	10	14.0	64.1	5398	5.8	18	4.2	23	0.11	0.97	0.6	45
1408	442187	5445326	3	63.9	0.32	11.0	<2	0.48	16	16.3	86.9	8771	3.2	27	6.7	24	0.16	0.17	0.5	58
1411	442723	5445018	4	59.8	0.19	10.0	3	0.54	13	18.2	69.1	9337	8.0	18	5.2	24	0.22	0.13	0.7	62
1412	443093	5444153	3	53.7	0.30	6.9	<2	0.54	14	18.9	104.7	10514	7.1	27	7.8	33	0.17	0.70	0.9	60
1413	442798	5443622	3	76.4	0.13	6.4	<2	0.62	7	11.6	54.2	8778	2.0	10	3.3	16	0.12	0.20	0.4	138
1414	443968	5444539	3	54.1	0.24	10.0	<2	0.56	12	20.9	84.3	11975	5.2	19	4.4	34	0.16	0.20	0.8	71
1416	443559	5445575	3	60.0	0.26	2.9	<2	0.48	14	15.7	79.6	24507	9.7	21	4.7	23	0.17	0.25	0.8	67
1417	443288	5446278	4	66.1	0.21	7.1	3	0.57	12	26.5	87.8	8421	8.2	33	4.8	18	0.10	1.02	0.8	67
1418	444625	5445912	3	64.6	0.20	3.0	<2	0.85	8	11.6	63.7	5892	4.3	13	5.0	18	0.10	1.00	0.6	81
1419	445491	5445924	2	64.5	0.19	16.0	<2	0.67	5	11.8	91.1	10174	2.3	14	4.2	22	0.14	0.89	1.1	78
1420	445446	5446734	2	70.4	0.18	8.9	3	0.57	9	12.0	59.8	9855	3.6	16	4.7	18	0.14	0.92	0.7	91
1421	444648	5447062	30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1422	446017	5446609	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1423	446854	5447041	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1424	449935	5446364	10	47.3	0.14	8.0	<2	0.44	8	14.5	46.7	16531	1.2	16	9.2	22	0.28	1.34	0.6	62
1426	450003	5447073	6	77.7	0.09	2.6	<2	0.36	4	8.6	28.7	6504	1.0	7	3.7	12	0.15	0.48	0.5	49
1427	450683	5445582	6	68.0	0.10	6.9	<2	0.55	5	13.3	43.3	4304	1.3	11	3.8	16	0.17	0.90	0.7	74
1428	451194	5446090	7	72.8	0.08	4.5	<2	0.29	5	12.4	33.1	13550	2.8	15	3.9	16	0.11	1.17	0.7	45
1429	452716	5444112	7	64.3	0.10	13.0	<2	0.42	15	11.0	56.6	23018	1.3	18	5.8	14	0.22	0.95	0.7	74
1430	453694	5445075	4	58.2	0.13	12.0	<2	0.43	17	12.2	58.7	15600	1.8	20	5.0	13	0.27	0.97	0.9	74
1431	453952	5444503	20	17.9	0.08	16.0	<2	0.30	32	19.7	22.7	64249	0.8	30	5.0	26	0.12	2.42	0.7	112
1432	455176	5444316	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1433	455084	5445322	NM	25.3	0.18	15.0	<2	0.72	24	51.5	62.7	46298	2.4	61	11.6	50	0.32	5.41	1.9	156
1434	454633	5447865	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1436	454604	5449208	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1437	456017	5448882	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1438	455776	5449777	15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1439	456068	5451368	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1440	455558	5452192	20	39.8	0.14	20.0	<2	0.66	14	34.6	53.4	26918	1.3	36	13.7	34	0.50	2.80	1.6	111
1441	455817	5452961	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1442	455776	5453746	15	51.9	0.20	11.0	<2	0.82	17	21.4	43.7	28344	1.8	21	23.3	48	0.44	1.49	1.0	134
1443	455718	5454897	10	48.2	0.18	5.6	<2	0.63	13	22.4	41.4	18838	1.2	19	9.0	58	0.19	0.62	1.3	106
1444	456894	5450636	5	58.4	0.08	11.0	<2	0.21	3	10.2	23.0	3984	1.2	8	3.0	8	0.12	0.55	0.5	33
1446	457010	5451190	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1447	456854	5452375	6	71.2	0.11	4.2	<2	0.52	9	18.5	14.7	11866	1.4	13	4.6	10	0.13	1.16	0.8	84
1448	456910	5453659	10	45.7	0.15	11.0	<2	0.62	11	40.2	44.5	19752	1.2	25	8.3	59	0.22	1.23	1.5	92
1449	457016	5454643	6	41.8	0.19	3.8	<2	0.64	15	31.5	42.9	20416	1.3	22	10.1	75	0.19	1.36	1.6	113
1450	457635	5449160	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1451	458447	5449648	8	70.3	0.09	30.0	<2	0.41	5	10.7	32.1	7076	1.5	13	10.6	17	0.50	0.19	0.8	51
1452	458475	5450118	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1453	458536	5451695	NM	54.1	0.10	19.0	<2	0.51	9	20.5	45.4	11974	1.9	21	14.1	19	0.42	1.38	1.3	64
1454	436321	5461932	16	31.4	0.13	6.5	<2	0.60	16	50.8	75.8	26108	1.8	53	16.3	39	0.39	5.97	1.7	100
1456	438555	5461372	25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1457	439342	5460891	7	28.4	0.18	6.6	4	0.42	18	53.2	66.5	33451	9.0	54	12.9	53	0.30	8.57	3.0	122
1458	438075	5458447	5	64.2	0.13	3.3	3	0.48	8	20.5	52.0	7607	1.9	35	3.3	18	0.12	1.11	1.1	77
1459	438504	5457788	4	64.9	0.24	11.0	<2	0.52	13	51.9	43.7	42523	2.2	150	4.0	24	0.18	1.87	1.2	85

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
1460	441082	5458144	16	28.1	0.19	11.0	8	0.90	22	48.9	78.9	60327	17.3	89	9.5	67	0.27	4.71	3.4	161
1461	442261	5458407	4	25.3	0.17	3.9	13	0.24	19	56.4	46.2	34285	1.4	46	5.6	48	0.12	3.72	1.9	78
1462	443902	5456972	6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1463	445037	5457806	4	58.6	0.19	5.0	4	0.58	18	19.2	58.1	40324	3.8	31	3.5	67	0.22	1.94	1.6	118
1464	448188	5460729	5	42.4	0.09	4.9	<2	0.33	10	28.3	41.0	18078	1.4	30	7.2	27	0.18	3.69	1.0	65
1466	451229	5459539	25	19.4	0.13	5.7	<2	0.45	19	59.0	77.1	35092	0.8	55	16.3	49	0.36	9.02	1.7	112
1467	452473	5456430	8	68.4	0.14	2.9	<2	0.52	6	16.0	60.1	13494	6.0	12	5.7	23	0.15	0.87	0.8	77
1468	451373	5457650	2	58.5	0.09	3.1	<2	0.34	8	21.8	31.6	10067	1.2	21	5.9	19	0.15	2.56	0.8	49
1469	452730	5460214	3	61.0	0.08	5.7	<2	0.42	5	13.6	45.8	7265	2.7	17	5.3	20	0.25	1.97	1.6	61
1470	455624	5459266	5	43.5	0.23	13.0	<2	0.68	12	32.6	52.3	14894	1.0	27	8.9	82	0.23	1.02	4.9	93
1471	457235	5458623	28	23.2	0.18	7.4	<2	0.58	36	40.9	44.9	45080	1.8	39	8.6	103	0.16	4.49	4.2	134
1472	459246	5459148	1	54.7	0.12	2.4	<2	0.55	10	16.9	34.4	7388	1.2	17	5.7	72	0.19	0.16	4.1	67
1473	461121	5459200	3	42.4	0.20	8.2	<2	0.46	10	26.8	55.5	13478	1.3	28	7.2	75	0.16	0.92	8.4	73
1474	456981	5460266	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1476	454294	5461159	1	71.3	0.07	6.5	<2	0.48	4	8.5	26.7	3198	1.4	11	4.8	9	0.17	0.42	0.5	62
1477	453546	5461894	6	58.1	0.07	6.1	<2	0.39	7	17.4	75.4	7954	4.3	25	6.2	14	0.40	1.61	3.1	48
1478	451317	5462603	4	59.1	0.07	2.1	<2	0.37	4	8.5	46.8	5603	1.2	14	2.4	10	0.09	0.72	0.6	52
1479	451228	5463422	3	79.7	0.09	2.8	<2	0.48	5	9.6	95.0	4534	1.5	18	1.9	12	0.09	0.79	0.8	55
1480	452942	5465479	7	33.7	0.12	3.7	<2	0.38	13	40.4	57.3	26444	1.1	41	9.5	38	0.18	5.65	1.4	81
1481	447904	5463291	10	26.9	0.12	4.0	<2	0.39	17	47.3	77.4	27962	1.2	52	11.5	42	0.24	7.29	1.5	92
1482	446836	5463423	4	53.0	0.11	14.0	<2	0.48	14	21.0	67.4	21579	1.6	35	6.6	24	0.22	2.49	0.9	91
1483	442645	5463801	3	73.0	0.06	4.8	<2	0.34	5	11.6	15.4	5664	0.9	17	6.2	10	0.17	1.16	0.5	43
1484	444096	5465242	17	28.4	0.14	5.0	<2	0.45	17	48.2	68.4	31229	1.2	52	11.1	40	0.25	7.83	1.5	110
1486	447846	5467624	5	64.9	0.14	2.8	<2	0.59	7	14.7	97.0	10392	1.8	19	4.3	26	0.13	0.89	1.4	72
1487	447079	5467576	4	73.0	0.09	3.2	<2	0.47	6	11.0	36.1	12597	1.2	15	4.9	12	0.12	0.86	0.7	81
1488	445362	5467346	4	46.7	0.12	4.5	<2	0.38	14	31.9	54.4	18208	1.2	36	7.9	29	0.22	3.20	1.9	78
1489	444313	5466325	2	77.5	0.10	4.0	6	0.59	10	13.3	55.7	11592	1.4	15	3.1	12	0.13	0.90	0.7	70
1490	443513	5466218	3	76.1	0.07	2.6	<2	0.54	9	11.8	39.9	13613	1.0	14	3.2	11	0.09	0.85	0.6	81
1491	442784	5466354	7	69.7	0.13	3.7	<2	0.75	6	9.4	83.1	15251	2.1	16	4.8	19	0.24	1.02	1.8	101
1492	442216	5466949	2	72.6	0.08	3.1	<2	0.38	5	10.2	35.2	6271	1.7	15	3.8	13	0.12	1.51	1.3	56
1493	441346	5466314	12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1494	434782	5466755	6	12.9	0.10	6.8	<2	0.23	20	42.5	46.7	27625	0.6	44	9.8	41	0.11	8.31	1.5	80
1496	438434	5470836	7	19.4	0.11	3.9	<2	0.40	19	47.9	69.9	30422	1.7	56	10.4	42	0.28	8.78	2.2	100
1497	443443	5470714	5	40.3	0.07	3.1	<2	0.29	9	28.7	45.6	12562	0.9	33	7.1	29	0.12	3.49	1.4	57
1498	442666	5471436	21	22.4	0.17	6.7	<2	0.52	14	43.2	50.3	31157	0.8	41	22.0	41	0.34	6.35	1.9	93
1499	441823	5468558	8	21.4	0.13	3.2	<2	0.29	14	51.0	55.6	27254	0.8	47	11.1	46	0.15	6.10	2.7	99
1500	444093	5467099	4	38.7	0.08	3.7	<2	0.28	12	41.0	60.3	20351	1.6	53	7.6	38	0.14	6.48	1.8	81
1501	447314	5469091	20	21.9	0.16	4.1	<2	0.41	14	52.5	62.1	30593	0.8	48	15.0	46	0.27	6.68	2.7	106
1502	446143	5464036	10	36.8	0.09	3.7	<2	0.33	13	44.0	60.5	21501	1.1	53	9.2	40	0.16	5.87	1.6	87
1503	445702	5465288	8	23.6	0.14	3.0	<2	0.36	15	53.8	59.7	27352	0.7	50	9.9	42	0.14	6.76	2.3	101
1504	446763	5465334	15	25.4	0.16	3.8	<2	0.55	16	49.1	67.8	27422	1.0	51	13.6	43	0.24	6.89	2.5	105
1506	446223	5466586	10	22.0	0.14	6.5	<2	0.45	20	60.4	67.7	37614	1.8	60	12.4	60	0.17	6.87	3.9	129
1507	446102	5467384	15	10.3	0.07	86.9	<2	2.71	140	33.9	40.3	135000	6.9	140	45.5	114	0.25	7.25	3.3	150
1508	444597	5467866	7	15.9	0.11	3.3	5	0.23	18	55.7	49.8	29494	0.9	52	9.6	44	0.14	8.01	2.3	97
1509	441890	5469539	9	21.9	0.11	2.0	<2	0.35	12	40.8	66.1	18580	1.6	44	8.0	38	0.12	5.64	2.3	74
1510	441443	5470706	15	20.5	0.12	3.3	<2	0.26	13	47.5	49.8	24592	0.7	47	9.5	41	0.14	6.61	1.9	92
1511	440086	5470021	20	24.4	0.14	6.6	<2	0.50	23	56.9	66.6	43843	1.5	59	13.5	60	0.19	6.90	3.6	126
1512	439005	5468242	5	40.6	0.11	4.7	<2	0.34	13	36.9	64.6	18312	2.0	47	8.7	31	0.19	3.87	1.6	80
1513	439474	5467782	NM	53.4	0.09	4.9	4	0.29	10	28.7	55.8	16701	1.8	44	6.8	27	0.16	3.69	1.2	69
VEF-0716	463104	5460184	8	53.3	0.11	4.4	<2	0.30	12	32.0	51.2	19718	1.5	32	7.0	25	0.18	2.89	1.1	74
VEF-0717	461968	5459059	1	57.1	0.11	3.3	3	0.43	6	14.7	46.9	7560	2.2	16	8.4	33	0.16	1.63	2.6	53
VEF-0718	462182	5458318	11	26.8	0.13	3.0	<2	0.31	14	39.8	49.2	26431	0.9	39	8.3	53	0.12	5.97	1.9	80
VEF-0719	461736	5457155	12	29.2	0.14	3.4	<2	0.33	15	43.3	54.5	30804	1.1	44	9.0	52	0.14	6.23	2.1	89
VEF-0720	463038	5457222	7	19.5	0.10	2.1	<2	0.20	11	27.8	28.0	16752	0.5	26	4.8	32	0.05	4.42	1.4	56
VEF-0721	457257	5455624	3	43.4	0.07	1.7	<2	0.49	5	16.4	19.0	6854	0.4	16	4.1	31	0.05	0.08	1.2	45
VEF-0722	456296	5455890	9	54.1	0.15	2.2	<2	0.47	9	19.1	29.6	16123	1.2	17	6.0	56	0.11	0.31	1.9	71
VEF-0723	456746	5456656	3	57.9	0.13	2.5	<2	0.48	7	16.1	29.1	10803	0.7	17	3.9	53	0.08	0.16	2.3	58
VEF-0724	456705	5457944	8	60.0	0.18	3.1	<2	1.18	9	19.3	44.2	15168	1.1	17	5.6	74	0.15	0.29	2.7	66
VEF-0725	454646	5458986	9	60.7	0.26	2.7	<2	0.32	7	19.2	74.6	12683	1.9	20	3.8	56	0.15	0.47	3.5	63
VEF-0726	454582	5458319	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VEF-0727	453981	5457354	41	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VEF-0728	453436	5459202	3	34.9	0.11	3.1	<2	0.25	13	36.6	56.0	19345	1.5	46	7.1	37	0.12	5.68	1.3	71
VEF-0729	450922	5460390	23	18.2	0.66	8.8	9	0.55	24	60.2	72.3	26179	0.8	45	13.1	49	0.25	7.56	1.9	93
VEF-0730	449326	5460466	3	6.2	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
VEF-0731	444858	5461002	6	6.4	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
VEF-0732	443683	5460376	1	59.1	0.12	3.5	<2	0.35	7	21.6	37.3	6977	1.5	33	3.5	33	0.14	0.35	1.2	48
VEF-0733	445240	5460139	1	54.4	0.13	INF	INF	0.27	INF	22.3	62.2	18395	3.8	45	5.8	21	0.18	3.19	1.8	59
VEF-0734	445196	5459436	1	52.4	0.09	6.3	3	0.27	5	17.6	55.0	13974	4.5	35	5.4	20	0.19	2.91	1.8	52
VEF-0735	447236	5458693	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VEF-0736	448913	5456665	19	12.6	0.34	6.2	<2	0.54	28	60.0	69.5	40570	1.3	70	13.2	50	0.26	8.53	1.7	109
VEF-0737	448717	5456223	22	15.3	0.40	7.7	10	0.60	26	62.1	71.8	38545	1.3	65	13.8	51	0.25	7.35	1.8	110
VEF-0738	448544	5455763	8	59.8	0.13	5.4	<2	0.30	10	34.0	56.5	19663	3.0	32	5.0	23	0.20	3.32	1.3	68
VEF-0739	446453	5455780	1	54.1	0.08	4.0	<2	0.29	6	13.4	34.0	6265	1.4	20	3.7	17	0.11	1.31	1.0	47
VEF-0740	446677	5455062	2	52.3	0.12	4.8	<2	0.36	8	22.3	34.8	10970	1.0	27	8.1	21	0.17	2.14	0.9	60
VEF-0741	447012	5454143	11	54.8	0.12	4.8	<2	0.42	7	23.4	46.2	13961	1.7	24	5.2	26	0.17	0.61	0.9	58
VEF-0742	447031	5453350	21	39.9	0.26	5.2	<2	0.48	12	49.0	46.0	14071	1.1	45	6.1	31	0.17	2.02	1.2	82
VEF-0743	447994	5453258	2	53.6	0.18	3.5	<2	0.29	5	17.6	42.5	3982	1.3	18	2.3	24	0.12	1.04	0.7	40

Site	Easting	Northing	Lake	LOI	Ag	As	Au	Cd	Co	Cr	Cu	Fe	Mo	Ni	Pb	REEs	Sb	Th	U	Zn
Number	Method	--------->	Depth	Grav	MS	INAA	INAA	MS	INAA	MS	MS	OES	MS	OES	MS	MS	MS	MS	MS	OES
	Units	--------->	(m)	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	Det Limit	--------->			0.04	0.5	2	0.04	1	1	0.4	20	0.06	1	0.3	n/a	0.03	0.02	0.03	1
VEF-0744	448364	5453725	20	59.1	0.15	6.1	<2	0.56	7	31.5	45.7	6654	1.5	18	4.3	29	0.24	0.13	0.9	66
VEF-0745	448526	5454494	2	63.0	0.11	3.1	<2	0.32	5	17.1	39.8	5596	1.5	17	2.9	14	0.13	1.20	0.6	49
VEF-0746	447751	5454941	1	71.7	0.09	3.5	<2	0.45	5	12.7	28.8	6082	1.3	13	5.4	14	0.15	0.19	0.6	59
VEF-0747	448227	5455325	1	69.5	0.08	4.4	<2	0.28	6	20.5	35.2	9604	2.0	18	5.6	19	0.15	1.41	0.9	36
VEF-0748	449468	5454925	12	16.7	0.33	7.2	<2	0.24	22	63.8	66.1	42132	0.8	62	12.2	48	0.17	9.02	1.3	113
VEF-0749	450315	5455799	12	16.1	0.17	4.1	<2	0.25	22	65.7	73.2	42009	0.9	60	12.0	48	0.15	9.22	1.2	108
VEF-0750	450810	5454327	14	16.2	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
VEF-0751	450695	5453297	12	51.0	0.14	6.3	<2	0.38	8	22.2	40.2	16218	1.7	20	6.8	26	0.33	2.39	0.9	57
VEF-0752	451363	5452615	21	59.0	0.14	7.6	<2	0.41	6	19.5	54.5	11195	1.7	17	4.8	21	0.50	1.80	1.1	53
VEF-0753	450847	5452356	5	75.6	0.12	3.2	<2	0.60	5	13.4	43.9	7901	1.2	9	1.7	21	0.12	0.72	0.7	92
VEF-0754	451308	5450464	4	11.8	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD
VEF-0755	452037	5448463	6	56.1	0.11	6.5	<2	0.30	6	12.4	38.2	9305	2.3	15	3.7	18	0.27	1.05	1.5	43
VEF-0756	453503	5448479	3	68.0	0.10	INF	INF	0.26	INF	10.1	31.6	10298	1.9	15	2.0	21	0.12	1.13	0.6	42
VEF-0757	452814	5449007	9	41.8	0.23	10.0	<2	0.41	12	36.5	46.3	29476	2.0	32	8.1	39	0.33	4.34	1.1	83
VEF-0821	463492	5458712	3	57.0	0.11	2.9	<2	0.33	9	23.0	47.3	18368	1.5	25	5.5	21	0.13	2.82	0.9	65
VEF-0822	463563	5457662	8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VEF-0823	462036	5454561	9	49.7	0.16	4.6	<2	0.55	11	24.2	56.7	16843	1.9	28	5.8	33	0.18	1.77	1.4	83
VEF-0824	463218	5453888	1	64.2	0.09	3.7	<2	0.39	4	9.7	22.6	5290	1.6	12	4.2	19	0.14	0.27	1.1	48
VEF-0825	461469	5452343	28	49.0	0.14	4.2	<2	0.70	9	21.2	43.0	12696	1.2	25	7.5	29	0.21	1.33	1.1	83
VEF-0826	461769	5449993	3	72.2	0.10	2.9	<2	0.35	3	8.2	46.4	4186	1.3	14	2.0	14	0.10	0.84	0.8	41
VEF-0827	461906	5448934	2	70.9	0.08	3.1	<2	0.30	4	11.9	55.5	4764	2.1	16	2.2	21	0.14	1.06	1.1	40
VEF-0828	461522	5448224	5	70.0	0.19	INF	INF	0.36	INF	9.9	44.9	5345	1.3	20	2.1	15	0.10	1.09	0.9	51
VEF-0829	460735	5448264	29	53.2	0.18	4.7	<2	0.59	7	18.4	51.0	15113	1.6	22	6.0	43	0.22	1.12	1.1	90
VEF-0830	460208	5449290	9	51.0	0.12	4.3	<2	0.47	10	24.0	39.4	11422	1.4	21	6.3	25	0.19	0.73	1.0	66
VEF-0831	460448	5449984	10	62.8	0.11	3.6	<2	0.32	7	16.2	40.8	7659	1.7	18	4.2	18	0.19	1.09	1.0	58
VEF-0832	461210	5450278	5	75.0	0.19	INF	INF	0.58	INF	15.8	69.5	7302	3.4	15	4.1	27	0.22	2.12	2.0	64
VEF-0833	461218	5451102	33	57.6	0.19	13.0	<2	1.00	11	18.7	51.1	40042	1.5	21	14.6	32	0.42	2.30	1.0	139
VEF-0834	461077	5453041	5	65.8	0.12	4.0	<2	0.46	10	15.4	40.6	9946	1.6	19	3.2	16	0.16	1.36	0.9	72
VEF-0835	461000	5454029	4	66.9	0.10	4.6	<2	0.33	8	16.3	51.5	12824	2.3	17	4.3	16	0.15	1.66	0.8	55
VEF-0836	460041	5453889	8	51.7	0.12	4.5	<2	0.52	12	25.6	61.3	16953	2.4	31	4.7	24	0.18	2.08	1.5	74
VEF-0837	459403	5451710	10	50.6	0.10	5.5	<2	0.46	10	22.7	46.9	18099	2.0	32	5.1	20	0.17	1.77	1.5	75
VEF-0838	460032	5451089	17	64.6	0.13	12.0	<2	1.02	4	13.5	40.2	12651	1.2	12	34.3	23	0.72	0.40	0.7	78
VEF-0839	459091	5449019	9	66.8	0.10	3.4	<2	0.47	11	18.9	37.5	8889	1.7	24	3.6	21	0.16	0.78	1.1	76
VEF-0840	459243	5449929	24	57.1	0.12	4.9	<2	0.53	7	16.1	38.1	10208	0.9	15	5.5	24	0.25	0.40	0.9	63
VEF-0841	459041	5450739	4	84.1	0.07	INF	INF	0.22	INF	9.5	28.1	6890	1.5	10	2.9	13	0.11	0.97	0.6	38
VEF-0842	458623	5452792	31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VEF-0843	458074	5453459	3	73.0	0.09	4.0	<2	0.37	7	17.4	43.8	17754	2.3	25	3.4	26	0.13	1.86	1.0	66
VEF-0844	457822	5454584	3	34.3	0.16	2.9	<2	0.59	14	39.9	36.0	21754	0.8	34	5.0	57	0.08	2.79	1.7	116
VEF-0845	455637	5456388	2	76.6	0.15	INF	INF	0.71	INF	17.3	70.3	5829	1.7	17	9.9	41	0.27	1.03	2.5	71
VEF-0846	454190	5456100	3	70.2	0.10	2.4	<2	0.41	5	9.4	40.2	8214	1.7	11	5.0	18	0.17	0.87	1.2	48
VEF-0847	454092	5455799	3	71.2	0.09	2.8	<2	0.41	5	16.9	28.5	10833	1.2	13	4.4	21	0.13	0.25	0.8	59
VEF-0848	453532	5455450	1	63.2	0.07	4.4	<2	0.24	4	10.4	34.0	12740	2.7	22	3.4	18	0.12	1.52	0.9	42
VEF-0849	453026	5455723	11	56.7	0.13	4.3	<2	0.38	5	14.4	35.2	13629	1.8	16	8.2	30	0.18	1.32	0.8	55
VEF-0850	452082	5454735	53	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VEF-0851	453206	5454555	18	31.7	0.17	5.8	<2	0.35	12	44.3	44.9	23659	1.0	38	9.9	38	0.14	5.61	1.6	96
VEF-0852	454956	5454857	5	72.7	0.10	5.5	<2	0.34	2	10.1	37.3	8819	1.3	10	2.5	17	0.12	0.58	0.8	43
VEF-0853	454361	5454630	4	66.9	0.11	3.3	<2	0.44	6	19.8	55.6	10891	1.9	27	2.9	22	0.13	1.00	0.8	66
VEF-0854	454998	5453399	4	70.3	0.09	INF	INF	0.39	INF	8.6	37.1	12676	1.0	19	2.2	18	0.09	0.55	0.5	71
VEF-0855	455024	5452807	7	72.7	0.09	2.5	<2	0.29	5	12.0	40.2	5037	1.9	16	2.9	20	0.14	0.78	0.8	53
VEF-0856	453676	5453189	40	37.6	0.16	7.6	<2	0.71	11	29.3	46.0	14528	0.9	27	17.3	29	0.42	2.35	1.2	72
VEF-0857	452921	5451627	1	62.9	0.08	5.6	<2	0.43	7	10.2	30.1	5811	0.9	15	3.7	16	0.24	0.81	0.5	46
VEF-0858	452994	5450204	14	55.6	0.14	10.0	<2	0.46	9	17.0	57.0	15615	2.3	22	5.5	23	0.50	1.57	1.1	80
VEF-0859	452080	5450241	1	88.0	0.07	3.4	<2	0.31	3	11.3	33.7	5405	2.3	10	2.0	22	0.16	0.97	0.6	37
VEF-0860	452264	5451012	3	71.8	0.12	INF	INF	0.32	INF	11.4	36.5	7454	1.4	11	2.8	17	0.21	0.72	0.6	47
VEF-0861	449965	5453821	1	67.2	0.09	5.2	<2	0.38	6	17.9	30.7	10083	1.8	20	4.2	25	0.15	2.07	0.8	62
VEF-0862	451874	5457208	2	9.4	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD	MRD

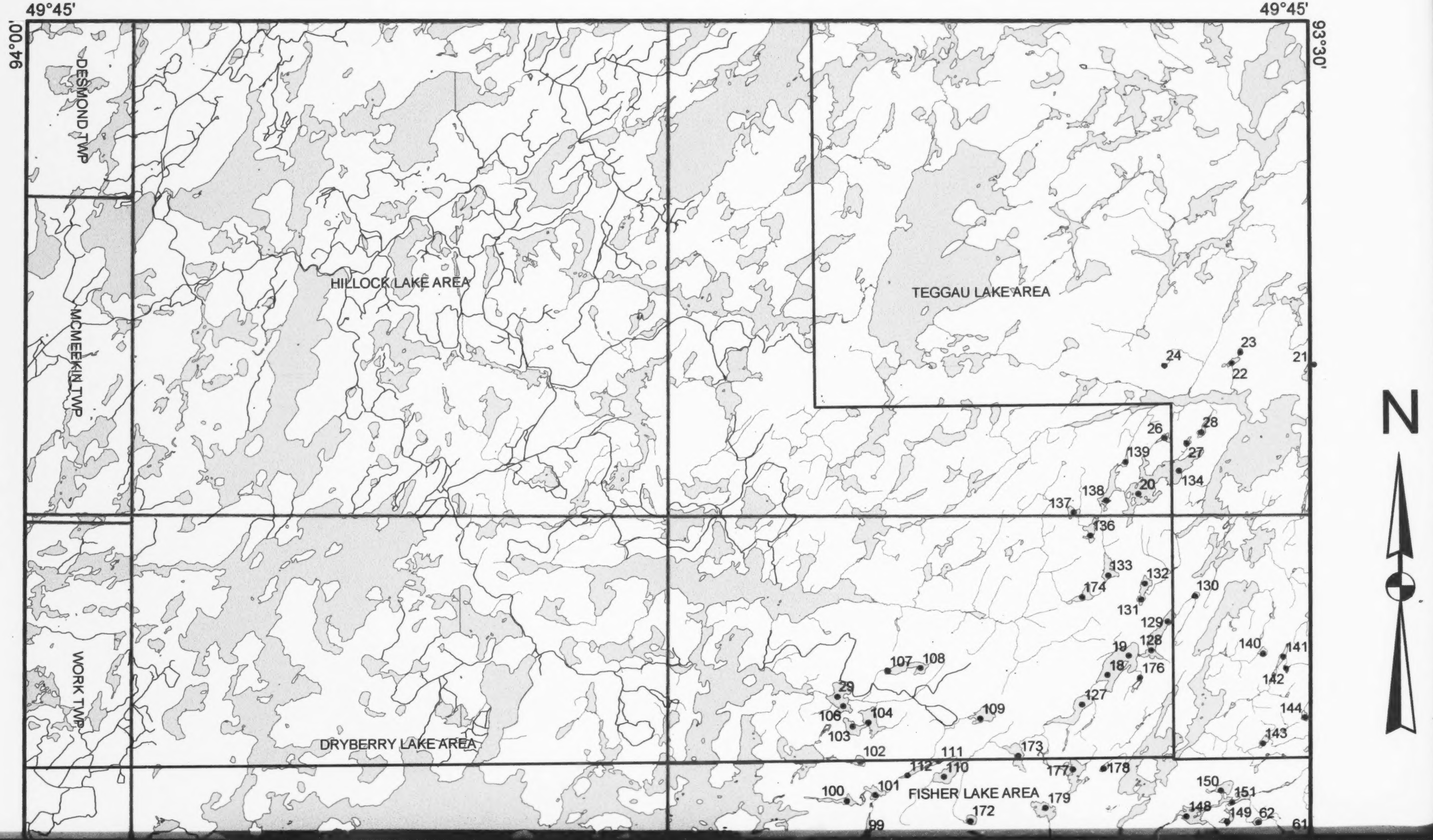
Metric Conversion Table

Conversion from SI to Imperial			Conversion from Imperial to SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm^3	0.061 023	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.307 951	cubic yards	1 cubic yard	0.764 554 86	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0.035 273 962	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 747	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 622 6	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311 3	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 90**	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

	Multiplied by	
1 ounce (troy) per ton (short)	31.103 477	grams per ton (short)
1 gram per ton (short)	0.032 151	ounces (troy) per ton (short)
1 ounce (troy) per ton (short)	20.0	pennyweights per ton (short)
1 pennyweight per ton (short)	0.05	ounces (troy) per ton (short)

Note: Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries, published by the Mining Association of Canada in co-operation with the Coal Association of Canada.


49°45'
49°45'
94°00'
93°30'
DESMOND TWP
MCMEEKIN TWP
WORK TWP
HILLOCK LAKE AREA
TEGGAU LAKE AREA
DRYBERRY LAKE AREA
FISHER LAKE AREA
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9°45'
93°30'
21
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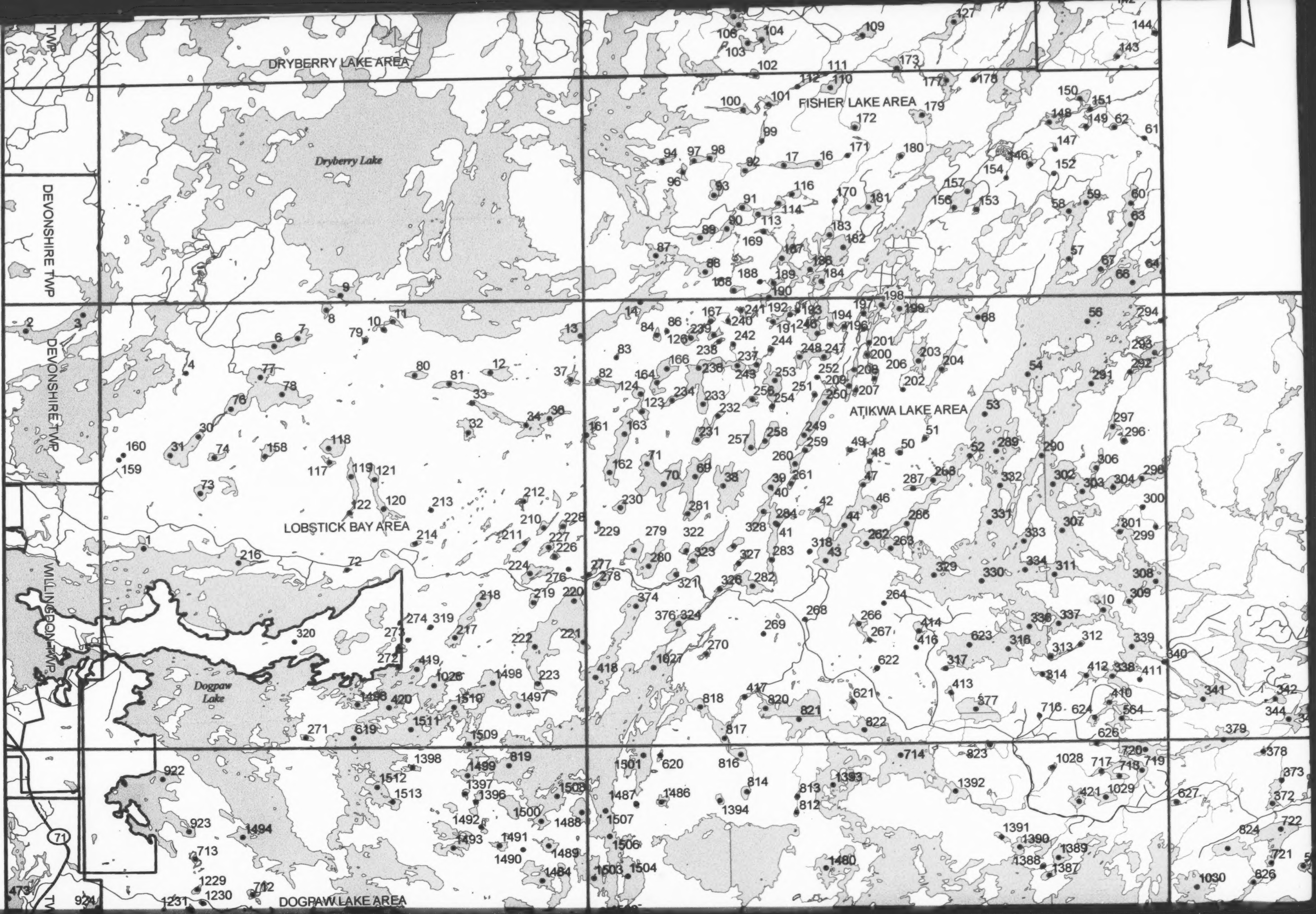
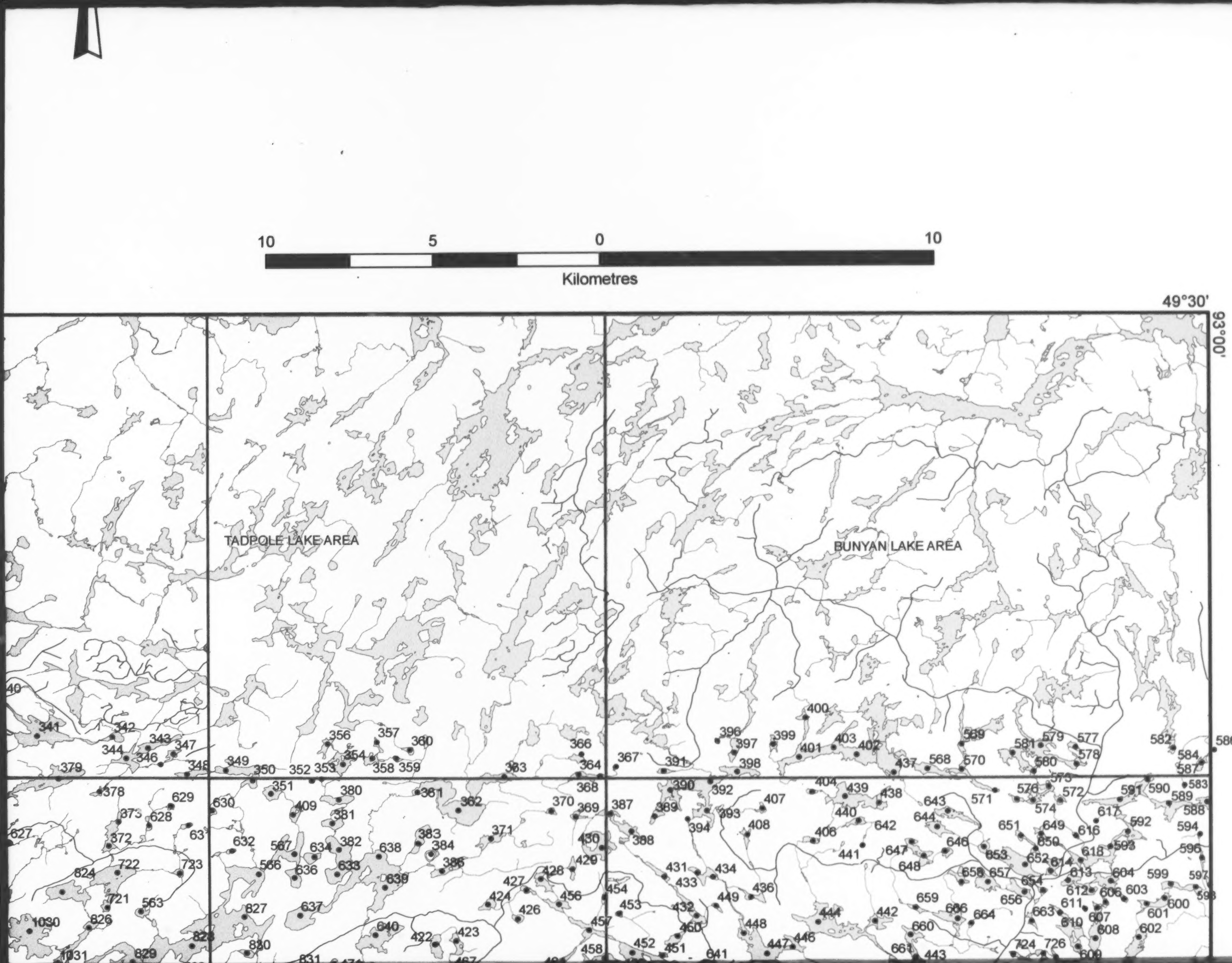
141
44


DRYBERRY LAKE AREA
Dryberry Lake
FISHER LAKE AREA
DEVONSHIRE TWP
DEVONSHIRE TWP
ATIKWA LAKE AREA
LOBSTICK BAY AREA
WILLINGDON TWP
Dogpaw Lake
DOGPAW LAKE AREA
71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TADPOLE LAKE AREA
BUNYAN LAKE AREA
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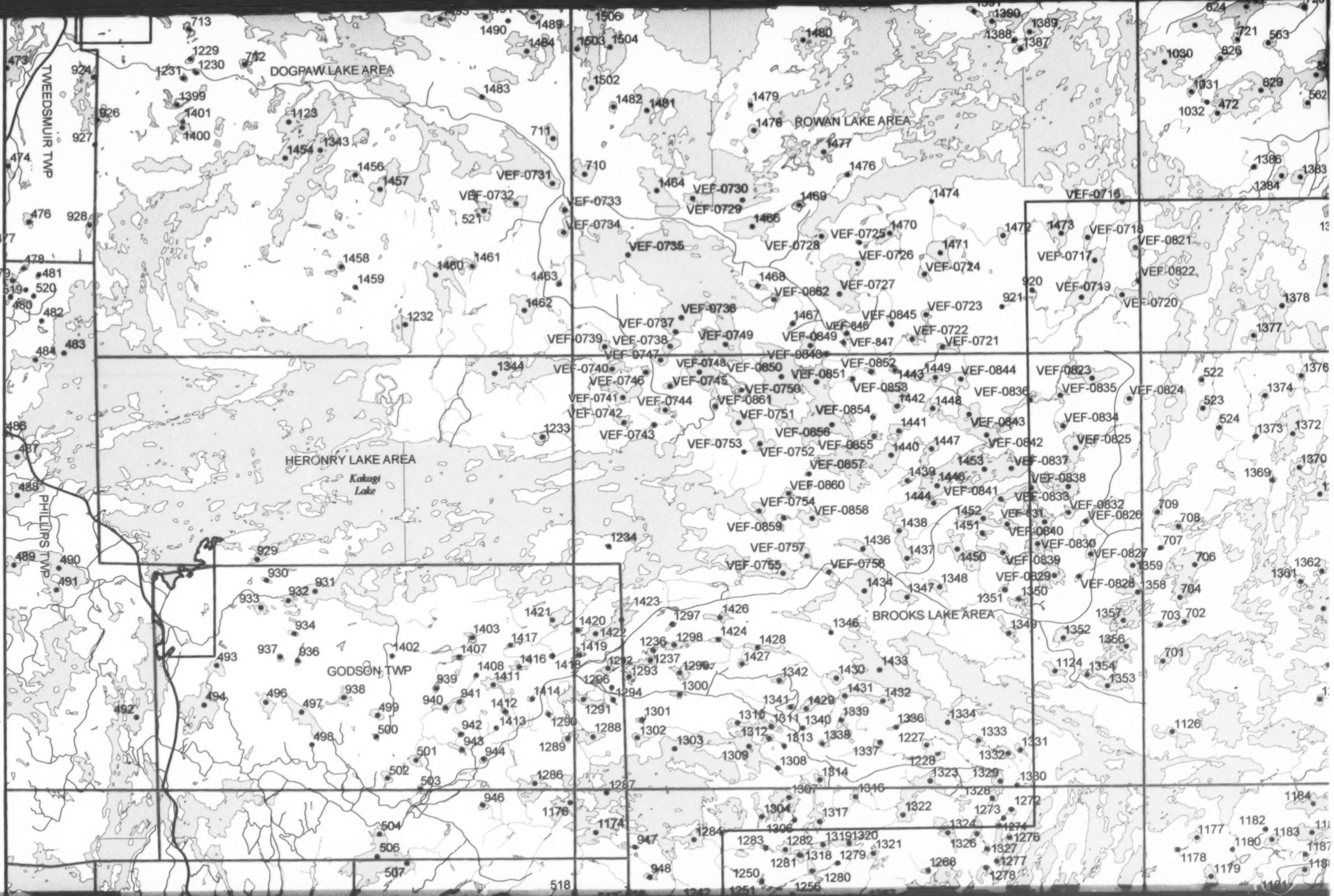
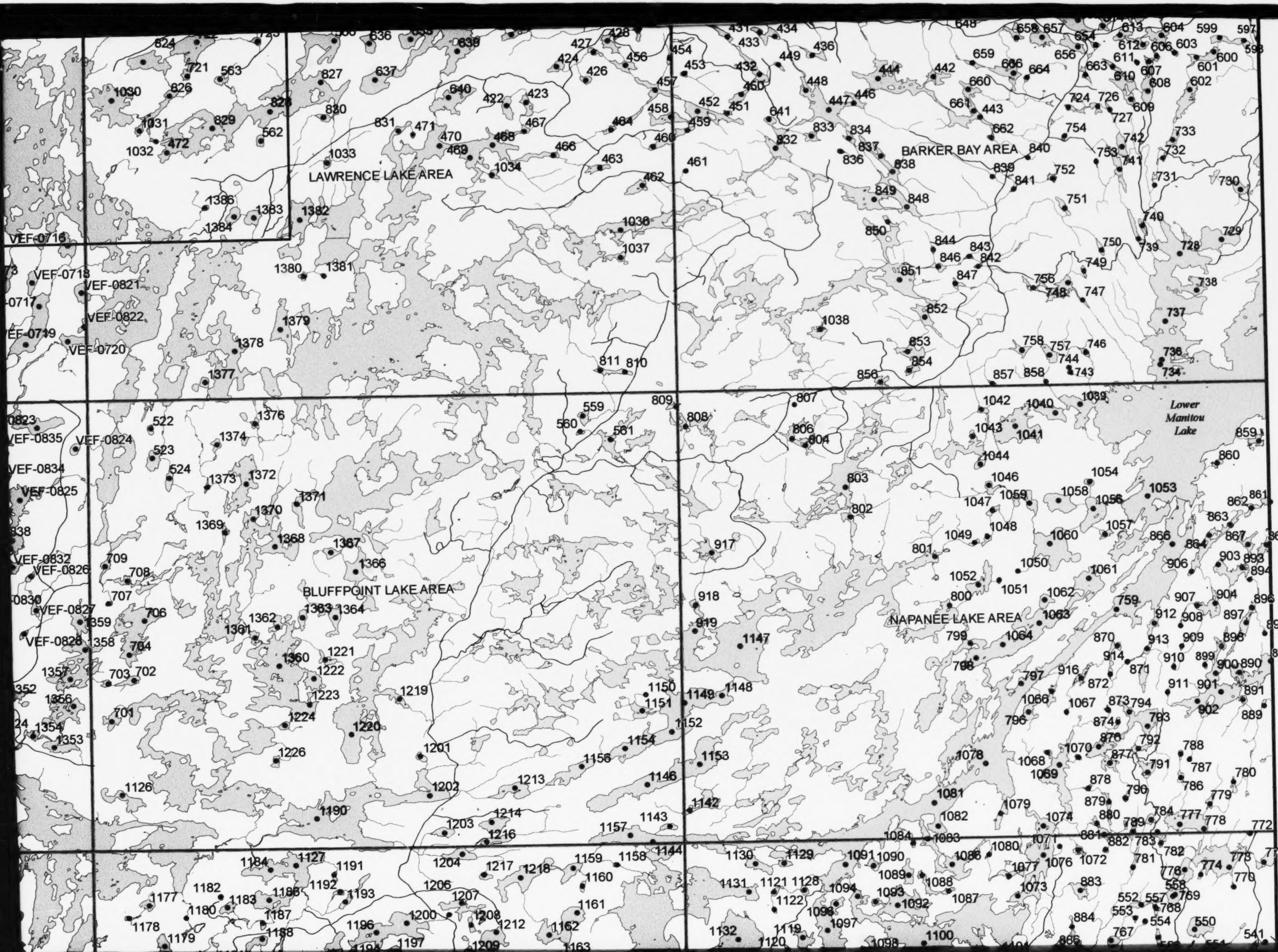

DOGPAW LAKE AREA
TWEEDSMUIR TWP
ROWAN LAKE AREA
HERONRY LAKE AREA
Kakagi Lake
PHILLIPS TWP
GODSON TWP
BROOKS LAKE AREA


LAWRENCE LAKE AREA
BARKER BAY AREA
BLUFFPOINT LAKE AREA
NAPANEE LAKE AREA
Lower Manitou Lake
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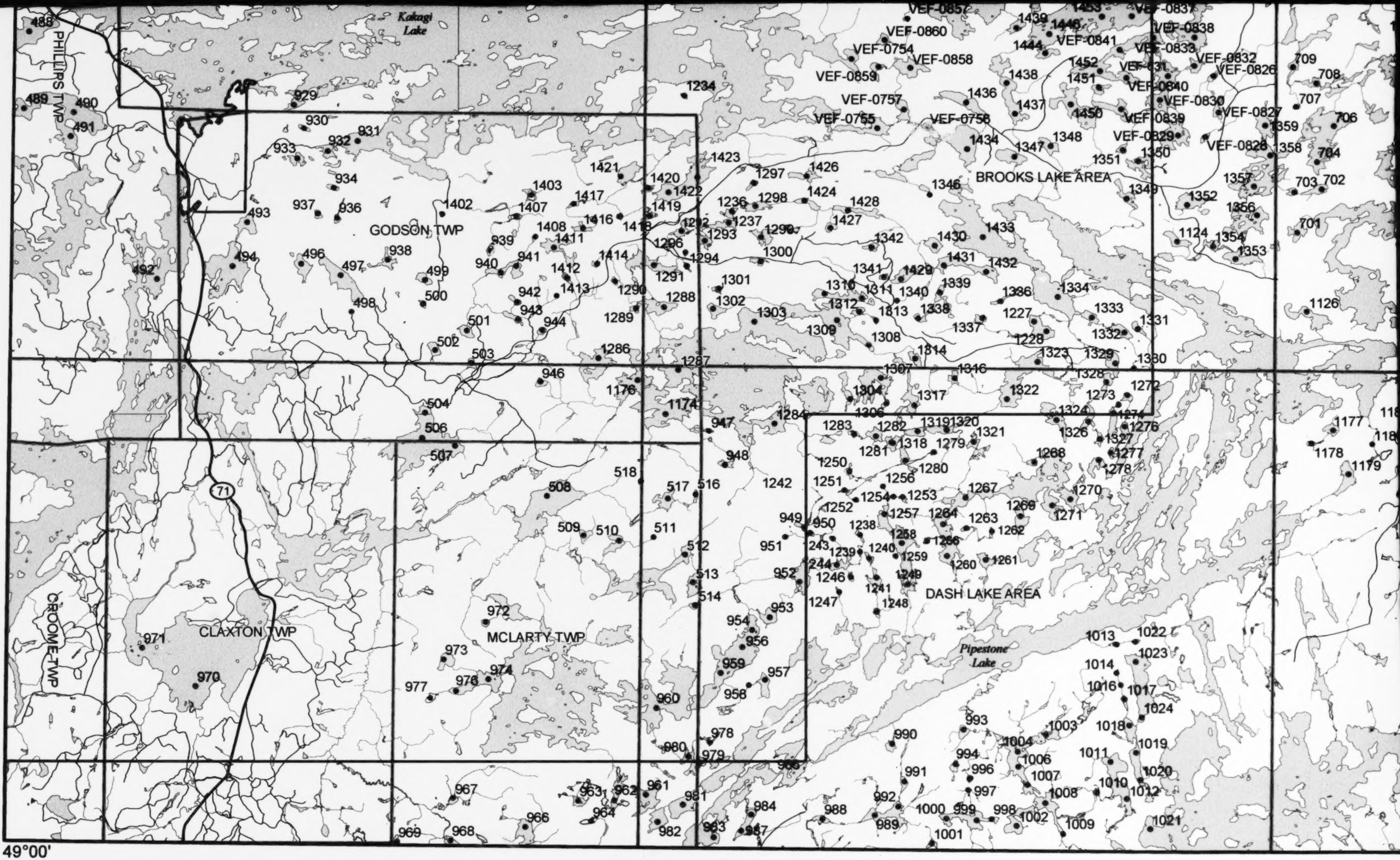
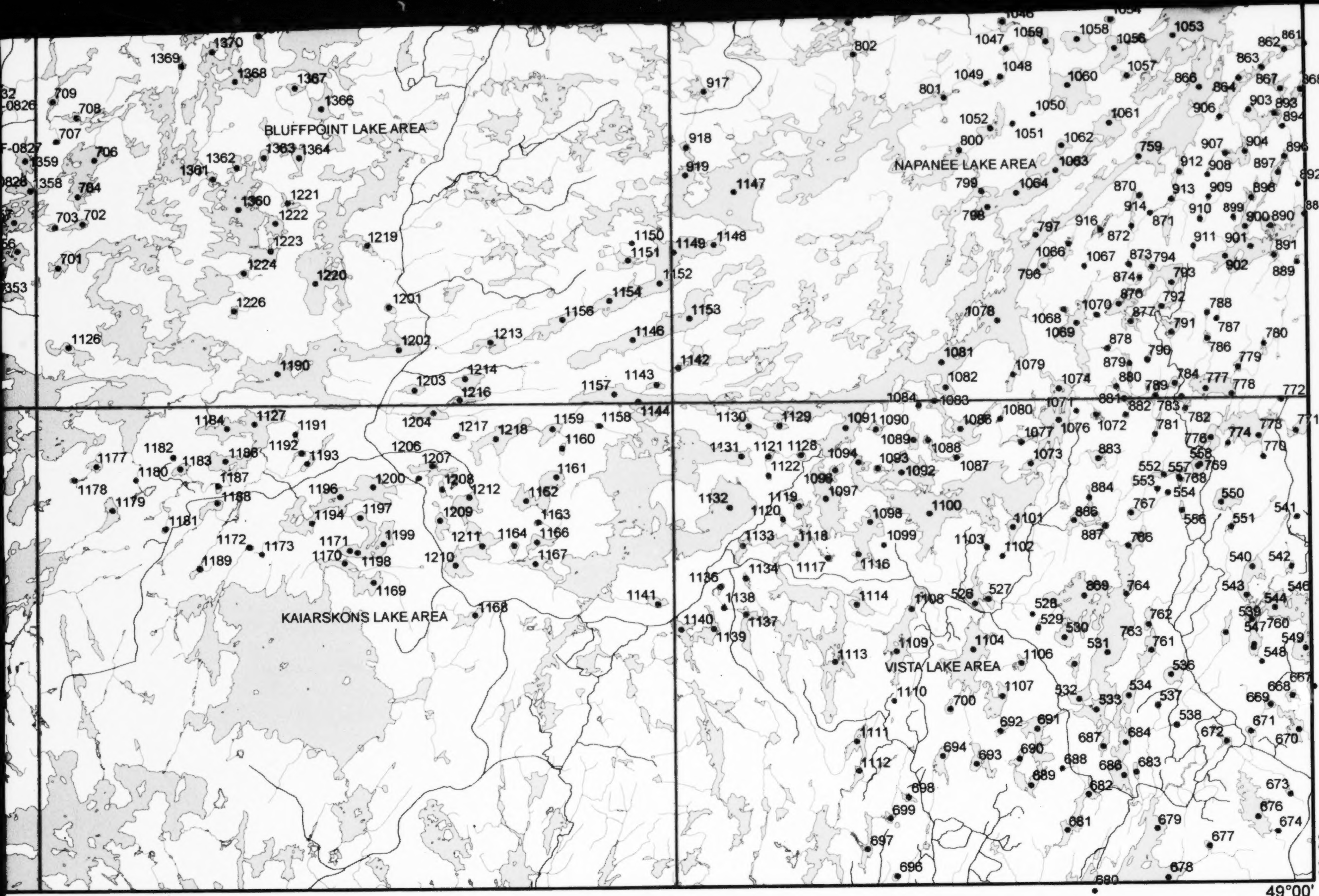

Kakagi Lake
PHILLIPS TWP
GODSON TWP
BROOKS LAKE AREA
DASH LAKE AREA
CLAXTON TWP
MCLARTY TWP
CROOME TWP
Pipestone Lake
71
94°00'
49°00'

Figure 6. Sample site location map of the Kakagi Lake survey area.


BLUFFPOINT LAKE AREA
NAPANEE LAKE AREA
KAIARSKONS LAKE AREA
VISTA LAKE AREA
93°00'
49°00'
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